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Amphenol LTW

Innovation in Waterproof Solution



CATALOGUE

IP 65 . 67 . 68 9

Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

M Series Sensor Connector

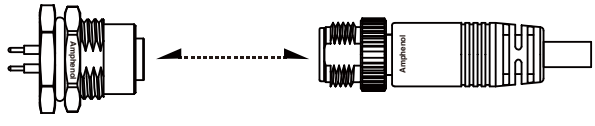






Range Overview

Receptacle to Overmolded with Cable

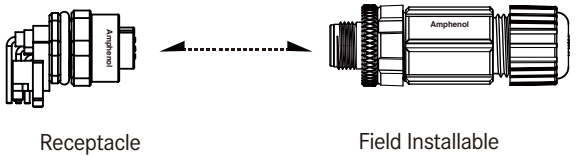


Receptacle | Overmolded with Cable

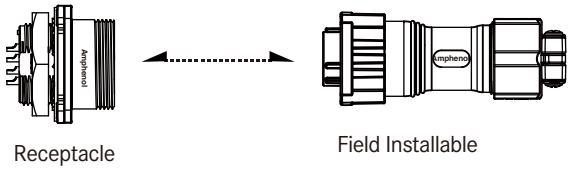


Receptacle | Overmolded with Cable

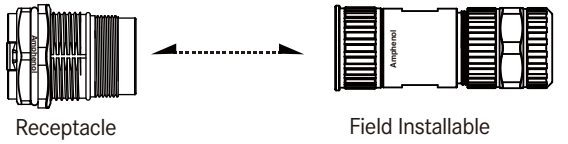
Receptacle to Field Installable



Receptacle | Field Installable



Receptacle | Field Installable

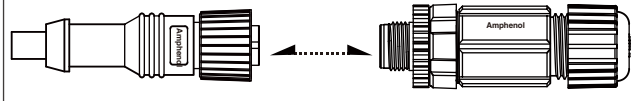


Receptacle | Field Installable

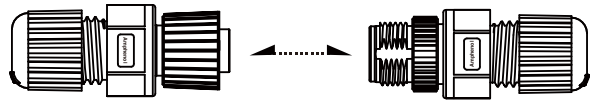
In Line



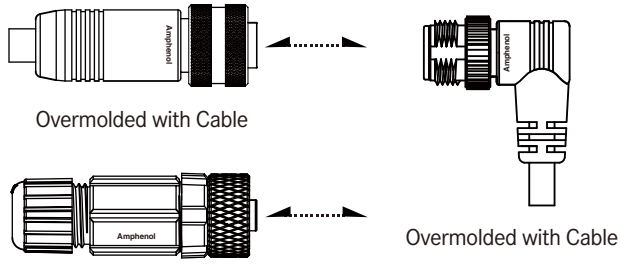
Overmolded with Cable | Overmolded with Cable



Overmolded with Cable | Field Installable



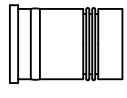
Field Installable | Field Installable



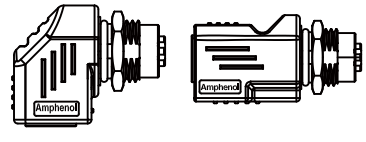
Overmolded with Cable | Overmolded with Cable

Field Installable

Others

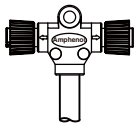


Insert



M12 to RJ45 Adaptor

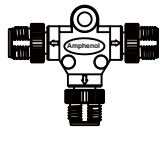
Accessories



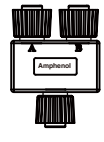
T Cable
See page 21-2



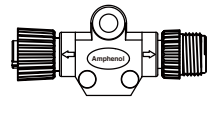
Y Cable
See page 21-3



T Adaptor
See page 21-5



Y Adaptor
See page 21-6



I Adaptor
See page 21-8



Waterproof Cap
See page 21-14

IP 65 . 67 . 68 9

Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

Specification

Identifications	M8, M10.5, M12 (A, B, D code), Heavy Duty Shielded Connector, M23
Description	Receptacle Overmolded with Cable Field Installable
Current Rating / Data	1.5A~28A
Material	Contacts: Copper Alloy, Gold Plated Connector Body (Housing) : Nylon+GF or PU, UL Recognized Metal Screw Nut: Zinc Alloy or Copper Ally, Nickel Plated
Waterproof Rating	IP65, IP67~68
Temperature Range	Receptacle: -40°C~105°C Overmolded with Cable: PVC Cable: -20°C~80°C PU Cable: -20°C~85°C Field Installable: -40°C~105°C * Higher working temperature upon request.
Contact Resistance	≤ 10mΩ
Standard Cable Length	01~99M
Mating Cycle	100*Minimum
Vibration	10 ~ 500 Hz and 0.35 mm
Standards	IEC 61076-2-101 IEC 61076-2-104

* Design and specification are subject to change without notice.

Ordering Information

1 - 2 | 3 | 4 | 5 | 6 - 7 | 8 | 9 | 10

Specification / Size

>M8 Size
(8) M8
(8P) M8 (Plastic)
(8A) M8 W/ KEY
(8AP) M8 W/ KEY (Plastic)
>M10.5 Size
(105) M10.5
>M12 Size:
(12) M12 A-Coded
(12L) M12 A-Coded inserted with LED
(12P) M12 A-Coded (Plastic)
(12S) M12 A-Coded (Shielded)
(12B) M12 B-Coded
(SBP) M12 B-Coded (Plastic)
(SBS) M12 B-Coded (Shielded)
(12D) M12 D-Coded
(SDP) M12 D-Coded (Plastic)
(SDS) M12 D-Coded (Shielded)

>Heavy Duty Shielded Connector,
(HB20) Metal, Salt Spray Test 500H, 10A
(LB20) Metal, Salt Spray Test 48H, 10A
(HC20) Metal, Salt Spray Test 500H, 20A
(LC20) Metal, Salt Spray Test 48H, 20A
(HD20) Metal, Salt Spray Test 500H, 5A
(LD20) Metal, Salt Spray Test 48H, 5A
>M23 Size
(LJ23) Metal, Salt Spray Test 48H, 28A

Number of Contacts
02, 03....,14...Contacts
EX. (02) = 2 Contacts

Connector Body (Style)

> For Receptacle	> For Overmolded with Cable	> For Field installable
(P) Panel	(A) With Strain Relief	(B) Without Strain Relief
	(B) Without Strain Relief	(D) With Ground Pin

Connector (Housing) Gender
(M) Male Connector
(F) Female Connector

Contact Gender
(M) Male
(F) Female
(I) I style (Male+Female)

Assemble Style

> For Receptacle	> For Field Installable	> For Overmolded with Cable
(S) Solder Type	(A) Field installable(Solder)	(M) Overmolded with Cable
(P) 180° PCB Type	(B) Field installable(Screw)	
(R) 90° PCB Type	(C) Field installable(Crimp)	
(C) Crimp Type	(D) Field Installable (IDC)	

Mating Style
(S) Screw Thread
(Q) Quick

Backshell

> For Receptacle	> For Receptacle	> For Overmolded with Cable	> For Field Installable
(C) Circular (Rear Fastened)	(W) Square Front Fastened with Screw	(L) Straight	(L) Straight
(F) Hexagonal Front Fastened	(N) Square Rear Fastened with Nut	(R) Right Angle	(R) Right Angle
(H) Rear Hexagonal (Rear Fastened)			

Waterproof Rating
(5) IP65 (Quick Type)
(7) IP 67
(8) IP 68

Cable information

> For Receptacle
(001) / (002) : PG9
(003) / (004) / (005) : M16
(006) : M12

> For Overmolded with Cable
(□)+(■) : Cable Type + Cable Length
EX. (A01) = UL2464 Cable + 1M
(□) : Cable Type
(A) PVC UL2464 Cable
(B) PU VW-1 Cable
(■) : Cable Length
From 1M to 99M
EX.(01)= 1M

> For Receptacle with wire harness
(□)+(■) : Cable Type + Wire Length
EX. (A15) = UL 1007 (For M8) + 150mm
(□) Cable Type
(A) UL 1007 (For M8)
(B) UL1061 (For M12-PG9 W/ O Logo)
(C) UL1061 (For M12-M16 W / O Logo)
(■) Wire length
(15) 150mm
(30) 300mm
(50) 500mm

* UL2517 / UL20549 available by 2014

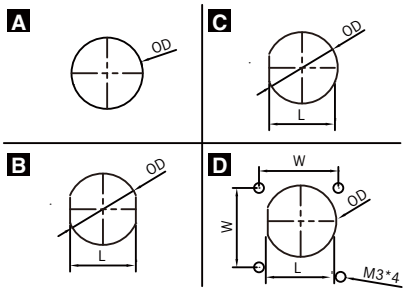
IP 65 . 67 . 68

Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

Physical Dimension

↘ Receptacle

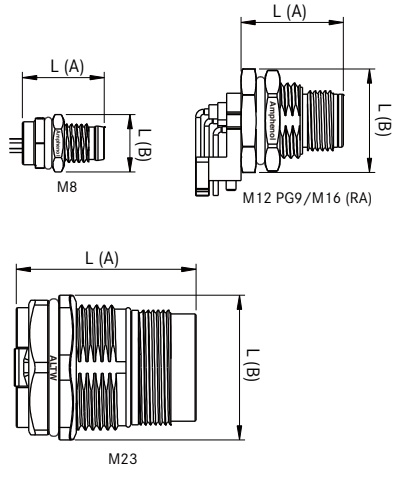
Panel Cut-Out



Size \ Dimension		Type	L / W	OD	Type	L / W	OD
Size	Thread Description	Female			Male		
M105	M10.5 X 0.75	-	-	-	A	-	10.9
M8	M8 X 1.0	B	7.1	8.1	B	7.1	8.1
		-	-	-	A	-	8.1
M12	M12 X 1.0 - PG9	B	13.6	15.4	B	13.6	15.4
	M12 X 1.0 - M16.0 X 1.5	B	13.6	16.1	B	13.6	16.1
	M12.0 X 1.0	B	10.5	12.2	B	10.5	12.2
HDSC*	M22 X 1.0	-	-	-	C	19.2	20.2
		-	-	-	D	19.2 / 23.0	20.2
M23	M23 X 1.0	-	-	-	C	24.4	25.1

*HDSC: Heavy Duty Shielded Connector

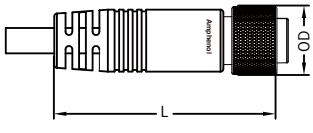
Connector Dimension

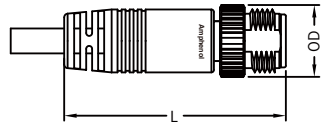


Series		Receptacle				Panel Thickness	
Conn. Gender		Type	Female		Male		
			L (A)	L (B)	L (A)	L (B)	Front Fastened	Rear Fastened
M8		Straight	18.0	13.8	16.4	11.5	3.0 mm Max.	3.5 mm Max.
M105		Straight	-	-	18.0	15.0	-	6.0 mm Max.
M12	PG9/ M16	Straight	20.0	20.8	20.5	20.8	4.5mm Max. 4.0mm Max.(Plastic)	4.5mm Max.
		Right Angle	20.0	20.8	20.5	20.8		
	M12*1.0	Right Angle	16.9	15.0	16.2	15.0	3.0mm Max.	
HDSC*		Straight	-	-	23.5	29.0	9.0mm Min.	5.0 mm Max.
M23		Straight	-	-	36.0	29.0	6.0 mm Max.	-

*HDSC: Heavy Duty Shielded Connector

↘ Overmolded with Cable

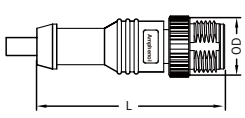




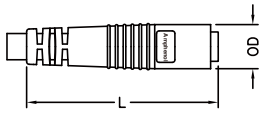
Size \ Dimension		L	OD
Size	Thread Description	Female	
M105	M10.5 X 0.75	36.5	8.4

Size \ Dimension		L		OD	
Size	Thread Description	Female	Male	Female	Male
M105	M10.5 X 0.75	41.5	-	12.0	-
M8	M8 X 1.0	38.1	42.7	10.1	10.5
M12	M12.0 X 1.0	43.3	44.4	14.5	14.4

Dimensions are shown in millimeters

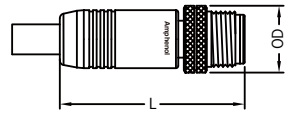


* Screw thread type

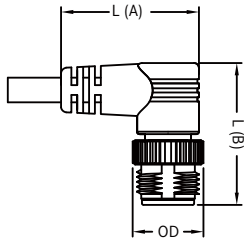


* Snap-In type

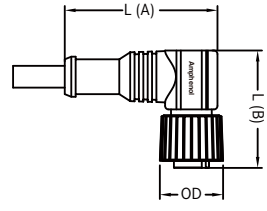
Size / Dimension		L		OD	
Size	Type	Female	Male	Female	Male
M8	Screw Thread M8 X 1.0	36.0	40.5	10.1	10.5
M8	Snap-In M8 X 1.0	36.5	-	8.4	-
M105	Screw Thread M10.5 X 0.75	37.2	-	12.0	-
M12	Screw Thread M12.0 X 1.0	43.3	44.4	14.5	14.4



Size / Dimension		L		OD	
Size	Thread Description	Female	Male	Female	Male
M12	M12.0 X 1.0	39.2	40.1	14.5	14.5

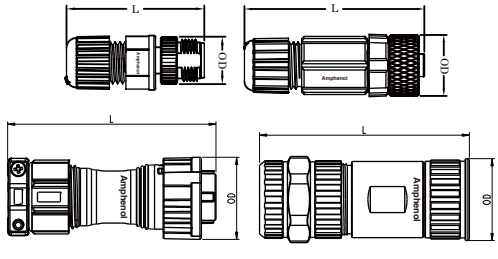


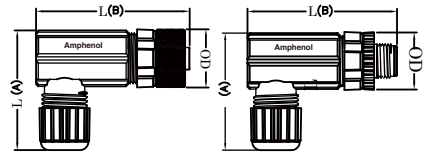
Size / Dimension		L [A]		L [B]		OD	
Size	Thread Description	Female	Male	Female	Male	Female	Male
M105	M10.5 X 0.75	24.0	-	24.0	-	12.0	-
M8	M8 X 1.0	20.7	20.7	20.0	25.5	10.1	10.5
M12	M12.0 X 1.0	28.0	28.0	27.9	28.9	14.5	14.4



Size / Dimension		L [A]		L [B]		OD	
Size	Thread Description	Female	Male	Female	Male	Female	Male
M105	M10.5 X 0.75	19.0	-	24.0	-	12.0	-
M8	M8 X 1.0	25.0	25.0	21.0	25.6	10.1	10.5
M12	M12.0 X 1.0	35.0	35.0	26.9	27.9	14.5	14.4

↘ Field Installable





Size / Dimension		Pin Type	L		OD	
Size	Type		Female	Male	Female	Male
M8	M8 X 1.0	Screw In	55.4	59.1	16.7	16.7
M12	M12.0 X 1.0	Solder	40.5	41.8	14.5	14.4
		Screw In	61.3	61.3	20.8	20.8
M12 Plastic	M12.0 X 1.0	Solder	40.5	41.8	14.8	13.8
		Screw In	61.3	61.3	20.8	20.4
HDSC*	M22 X 1.0	-	72.5	-	27.7	-
M23	M23 X 1.0	-	73.0	-	28.5	-

*HDSC: Heavy Duty Shielded Connector

Size / Dimension		Pin Type	L [A]		L [B]		OD	
Size	Thread Description		Female	Male	Female	Male	Female	Male
M12	M12.0 X 1.0	Screw In	38.9	38.9	52.3	52.3	20.8	20.8
M12 Plastic			38.9	38.9	52.3	52.3	20.8	20.8

Dimensions are shown in millimeters

* Design and specification are subject to change without notice.

IP 65 . 67 . 68 9

Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

Contact Configuration

4 5	M8 (1.5A) MM or FF	M8 (3A) MM or FF	M8 (3A) MM or FF	M105 (2A) MF or FM	M12 A Code (3~5P: 4A I 8P: 2A) MM or FF	M12 A Code (3~5P: 4A I 8P: 2A) MF or FM	M12 B Code (4A) MM or FF	M12 B Code (4A) MF or FM	M12 D Code (4A) MM or FF	M12 D Code (4A) MF or FM	M12 I Style (4A) MMF or FFM	M12 I Style (4A) MF or FM
2Pin (02)		R C F		R C								
3Pin (03)		R C F	R C F	R C	R C F		R F		R F			
4Pin (04)		R C F	R C F	R C	R C F		R C F		R C F			
5Pin (05)	R C F			R C	R C F		R C F		R C F		R C F	
6Pin (06)	R C F											
7Pin (07)												
8Pin (08)					R C F							
10Pin (10)												
12Pin (12)												
14Pin (14)												

More to know:

No. of Poles & Contact Configuration (Connection side view)

	3	4	5
Male			
Female			

Color Identification:
1 = Brown, 2 = White, 3 = Blue, 4 = Black, 5 = Green

	8
Male	
Female	

Color Identification:
1 = White, 2 = Brown, 3 = Green, 4 = Yellow, 5 = Gray, 6 = Pink, 7 = Blue, 8 = Red

1 – 2 3 4 5 6 – 7 8 9 10

HDSC* (5A)		HDSC* (10A)		HDSC* (20A)		M23 (28A)	
MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM	MM or FF	MF or FM
					R F		
					R F		
			R F				
			R F				
						R F	R F
			R F				
	R F						
	R F						
	R F						

*HDSC: Heavy Duty Shielded Connector

M12 Panel Version	Screw Thread Size	Logo
001	M12XPG9	With Logo
002	M12XPG9	Without Logo
003	M12XM16.0X1.5	With Logo
004	M12XM16.0X1.5	Without Logo
005	M12XM16.0X1.5	Without Logo
006	M12X1.0	With Logo
007	M12X1.0	Without Logo

* Design and specification are subject to change without notice.

R: receptacle
C: overmolded with cable
F: field installable

1

- 1.5A **(M8)**
- 2A **(M105/M12 A)**
- 3A **(M8)**
- 4A **(M12 A/M12 B/M12 D/ M12 I Style)**
- 5A **(HDSC*)**
- 10A **(HDSC*)**
- 20A **(HDSC*)**
- 28A **(M23)**

Contact Number: **2**

Ex.2 contacts **(02)**

Connector (Housing) Gender: **4**

Male**(M)** or Female**(F)**

Contact Gender: **5**

Male**(M)** or Female**(F)**
Male **+** Female **(I)**

More to Choose: **6**

- Solder **(S)**
  - Solder Cup



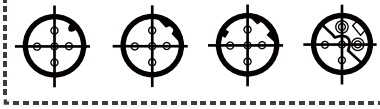
- PCB Type
  - 90° PCB **(R)**
  - 180° PCB **(P)**





More to know:

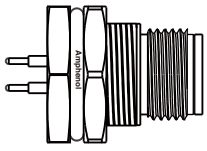
A-Code B-Code D-Code **I**-Style



IP 65 . 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

Product Features

↘ Receptacle



Mating Style 7



Screw Thread **(S)**

Backshell 8



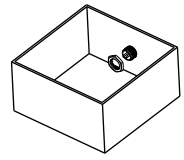
Circular **(C)**



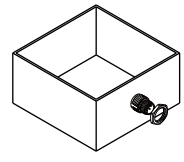
Hexagonal **(H)(F)**



Square **(N)(W)**

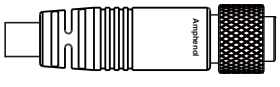


Rear Fastened

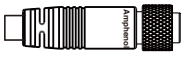


Front Fastened **(P)**

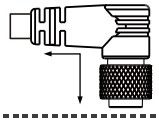
↘ Overmolded with Cable



Backshell 8



Straight **(L)**



Right Angle **(R)**

Mating Style 7

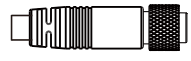


Screw Thread **(S)**
(For M12)



Quick **(Q)**
(For M8)

Connector Body(Style) 3

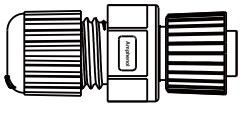


With Strain Relief **(A)**



Without Strain Relief **(B)**

↘ Field Installable

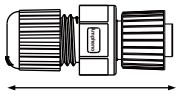


Mating Style 7

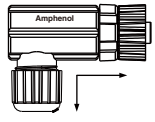


Screw Thread **(S)**

Backshell 8

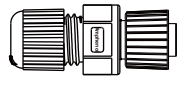


Straight **(L)**



Right Angle **(R)**

Connector Body(Style) 3



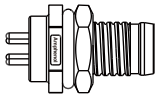
Without Strain Relief **(B)**

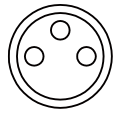
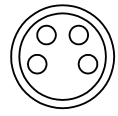
1 – 2 3 4 5 6 – 7 8 9 10

Find Our Standard Products

↘ M8 (Metal) > Receptacle > Male Connector > Front Fastened

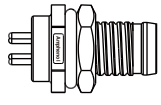
> IEC 61076-2-104


Backshell: Hexagonal

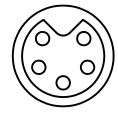



Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
PCB Pin	-	8-03PMMP-SF7001	8-04PMMP-SF7001	-	-
Solder Pin	-	8-03PMMS-SF7001	8-04PMMS-SF7001	-	-
Wire Leads (150mm)	-	8-03PMMS-SF715	8-04PMMS-SF715	-	-
Wire Leads (300mm)	-	8-03PMMS-SF730	8-04PMMS-SF730	-	-
Wire Leads (500mm)	-	8-03PMMS-SF750	8-04PMMS-SF750	-	-

> with alignment Key


Backshell: Hexagonal

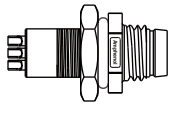


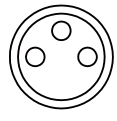
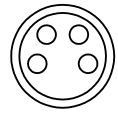




Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
PCB Pin	8A-02PMMP-SF7001	8A-03PMMP-SF7001	8A-04PMMP-SF7001	8A-05PMMP-SF7001	8A-06PMMP-SF7001
Solder Pin	8A-02PMMS-SF7001	8A-03PMMS-SF7001	8A-04PMMS-SF7001	8A-05PMMS-SF7001	8A-06PMMS-SF7001

↘ M8 (Metal) > Receptacle > Male Connector > Rear Fastened

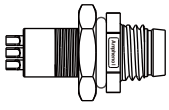
> IEC 61076-2-104


Backshell: Hexagonal

Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
PCB Pin	-	8-03PMMP-SH7001	8-04PMMP-SH7001	-	-
Solder Pin	-	8-03PMMS-SH7001	8-04PMMS-SH7001	-	-
Wire Leads (150mm)	-	8-03PMMS-SH715	8-04PMMS-SH715	-	-
Wire Leads (300mm)	-	8-03PMMS-SH730	8-04PMMS-SH730	-	-
Wire Leads (500mm)	-	8-03PMMS-SH750	8-04PMMS-SH750	-	-

> with alignment Key


Backshell: Hexagonal





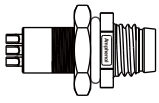
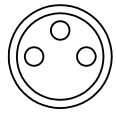
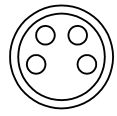
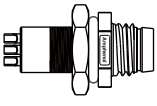


Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
Solder Pin	8A-02PMMS-SH7001	8A-03PMMS-SH7001	8A-04PMMS-SH7001	8A-05PMMS-SH7002	8A-06PMMS-SH7002

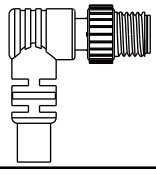
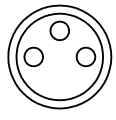
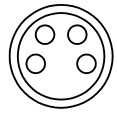
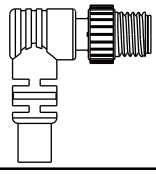
* Design and specification are subject to change without notice.

IP 65 . 67 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M8 (Metal) Receptacle > Female Connector > Rear Fastened

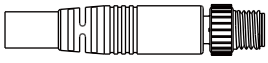
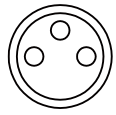
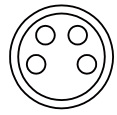
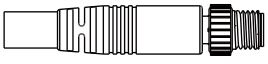
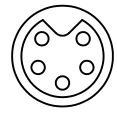
> IEC 61076-2-104					
 Backshell: Hexagonal					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
Solder Pin	-	8-03PFFS-SH7001	8-04PFFS-SH7001	-	-
Wire Leads (150mm)	-	8-03PFFS-SH715	8-04PFFS-SH715	-	-
Wire Leads (300mm)	-	8-03PFFS-SH730	8-04PFFS-SH730	-	-
Wire Leads (500mm)	-	8-03PFFS-SH750	8-04PFFS-SH750	-	-
> with alignment Key					
 Backshell: Hexagonal					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
Solder Pin	8A-02PFFS-SH7001	8A-03PFFS-SH7001	8A-04PFFS-SH7001	8A-05PFFS-SH7002	8A-06PFFS-SH7002

↘ M8 (Metal) > Overmolded with cable > Male Connector > Right Angle

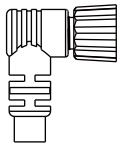
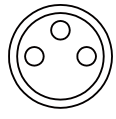
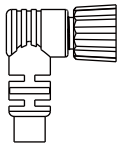
> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8-03AMMM-SR7	8-04AMMM-SR7	-	-
Without Strain Relief	-	8-03BMMM-SR7	8-04BMMM-SR7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8A-02AMMM-SR7	8A-03AMMM-SR7	8A-04AMMM-SR7	8A-05AMMM-SR7	8A-06AMMM-SR7

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

↘ M8 (Metal) > Overmolded with cable > Male Connector > Straight

> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8-03AMMM-SL7	8-04AMMM-SL7	-	-
Without Strain Relief	-	8-03BMMM-SL7	8-04BMMM-SL7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8A-02AMMM-SL7	8A-03AMMM-SL7	8A-04AMMM-SL7	8A-05AMMM-SL7	8A-06AMMM-SL7

↘ M8 (Metal) > Overmolded with cable > Female Connector > Right Angle

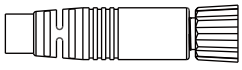
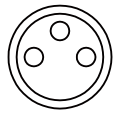
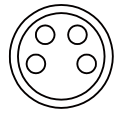
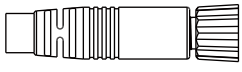
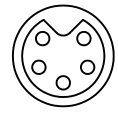
> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8-03AFFM-SR7	8-04AFFM-SR7	-	-
Without Strain Relief	-	8-03BFFM-SR7	8-04BFFM-SR7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8A-02AFFM-SR7	8A-03AFFM-SR7	8A-04AFFM-SR7	8A-05AFFM-SR7	8A-06AFFM-SR7

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

* Design and specification are subject to change without notice.

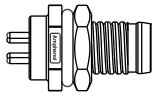
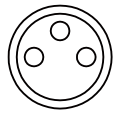
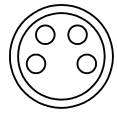
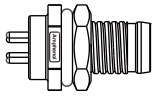
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M8 (Metal) > Overmolded with cable > Female Connector > Straight

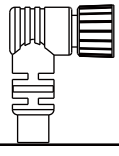
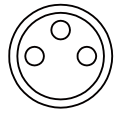
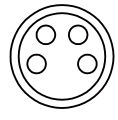
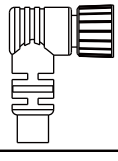
> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8-03AFFM-SL7	8-04AFFM-SL7	-	-
Without Strain Relief	-	8-03BFFM-SL7	8-04BFFM-SL7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8A-02AFFM-SL7	8A-03AFFM-SL7	8A-04AFFM-SL7	8A-05AFFM-SL7	8A-06AFFM-SL7

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

↘ M8 (Plastic) > Receptacle > Male Connector > Front Fastened

> IEC 61076-2-104					
 Backshell: Hexagonal					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
PCB Pin	-	8P-03PMMP-SF7001	8P-04PMMP-SF7001	-	-
Solder Pin	-	8P-03PMMS-SF7001	8P-04PMMS-SF7001	-	-
> with alignment Key					
 Backshell: Hexagonal					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
PCB Pin	8AP-02PMMP-SF7001	8AP-03PMMP-SF7001	8AP-04PMMP-SF7001	8AP-05PMMP-SF7001	8AP-06PMMP-SF7001
Solder Pin	8AP-02PMMS-SF7001	8AP-03PMMS-SF7001	8AP-04PMMS-SF7001	8AP-05PMMS-SF7001	8AP-06PMMS-SF7001

↘ M8 (Plastic) > Overmolded with cable > Male Connector > Right Angle

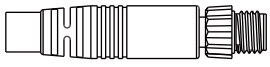
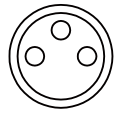
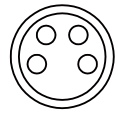
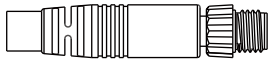
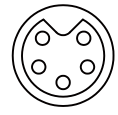
> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8P-03AMMM-SR7	8P-04AMMM-SR7	-	-
Without Strain Relief	-	8P-03BMMM-SR7	8P-04BMMM-SR7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8AP-02AMMM-SR7	8AP-03AMMM-SR7	8AP-04AMMM-SR7	8AP-05AMMM-SR7	8AP-06AMMM-SR7

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

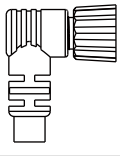
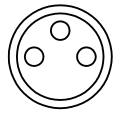
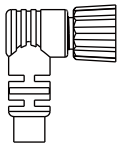
* Design and specification are subject to change without notice.

IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M8 (Plastic) > Overmolded with cable > Male Connector > Straight

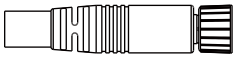
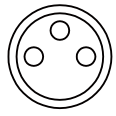
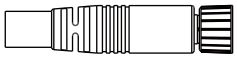
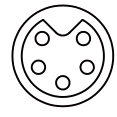
> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8P-03AMMM-SL7	8P-04AMMM-SL7	-	-
Without Strain Relief	-	8P-03BMMM-SL7	8P-04BMMM-SL7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8AP-02AMMM-SL7	8AP-03AMMM-SL7	8AP-04AMMM-SL7	8AP-05AMMM-SL7	8AP-06AMMM-SL7

↘ M8 (Plastic) > Overmolded with cable > Female Connector > Right Angle

> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8P-03AFFM-SR7	8P-04AFFM-SR7	-	-
Without Strain Relief	-	8P-03BFFM-SR7	8P-04BFFM-SR7	-	-
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8AP-02AFFM-SR7	8AP-03AFFM-SR7	8AP-04AFFM-SR7	8AP-05AFFM-SR7	8AP-06AFFM-SR7

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

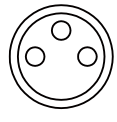
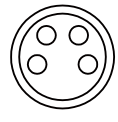
↘ M8 (Plastic) > Overmolded with cable > Female Connector > Straight

> IEC 61076-2-104					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	-	8P-03AFFM-SL7	8P-04AFFM-SL7	-	-
Without Strain Relief	-	8P-03BFFM-SL7	8P-04BFFM-SL7	-	-
		* Mating style (Quick) also avaliable for 3 & 4 contacts			
> with alignment Key					
					
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts	6 Contacts
With Strain Relief	8AP-02AFFM-SL7	8AP-03AFFM-SL7	8AP-04AFFM-SL7	8AP-05AFFM-SL7	8AP-06AFFM-SL7

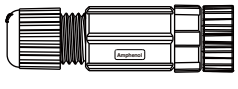
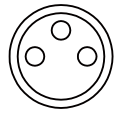
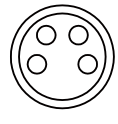
Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

* Mating style (Quick) also avaliable for 3 & 4 contacts

↘ M8 (Plastic) > Field Installable > Male Connector > Straight

					
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	6 Contacts
Without Strain Relief	Solder	-	-	-	-
	Screw-in	8P-03BMMB-SL7001	8P-04BMMB-SL7001		

↘ M8 (Plastic) > Field Installable > Female Connector > Straight

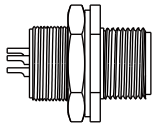
					
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	6 Contacts
Without Strain Relief	Solder	-	-	-	-
	Screw-in	-	8P-04BFFB-SL7001	-	-

* Design and specification are subject to change without notice.

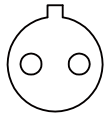
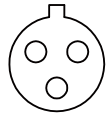
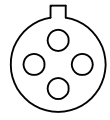
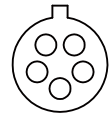
IP 67 . 68 9

Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M10.5 (Metal) > Receptacle > Male Connector > Rear Fastened

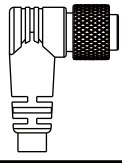


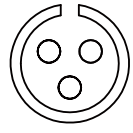
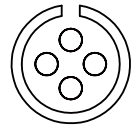
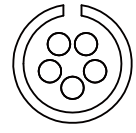
Backshell: Hexagonal
Backshell: Circular

Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts
Backshell: Hexagonal Solder Pin (180°)	105-02PMFS-SH7001	105-03PMFS-SH7001	105-04PMFS-SH7001	105-05PMFS-SH7001
Backshell: Circular Solder Pin (180°)	105-02PMFS-SC7001	105-03PMFS-SC7001	105-04PMFS-SC7001	105-05PMFS-SC7001

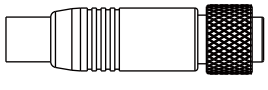
↘ M10.5 (Metal) > Overmolded with cable > Male Connector > Right Angle

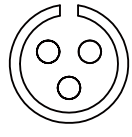
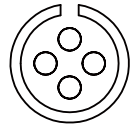
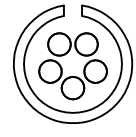


Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts
With Strain Relief	105-02AMMM-SR7A	105-03AMMM-SR7A	105-04AMMM-SR7A	105-05AMMM-SR7A
Without Strain Relief	105-02BFMM-SR7A	105-03BFMM-SR7A	105-04BFMM-SR7A	105-05BFMM-SR7A

↘ M10.5 (Metal) > Overmolded with cable > Male Connector > Straight

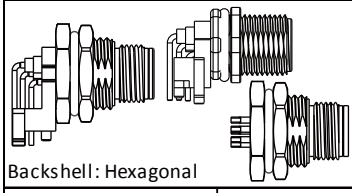
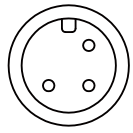
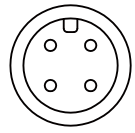
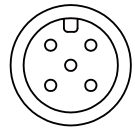
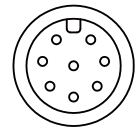


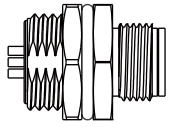
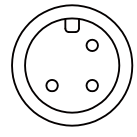
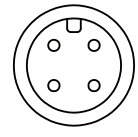
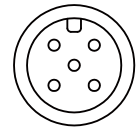
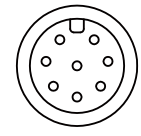
Type	2 Contacts	3 Contacts	4 Contacts	5 Contacts
With Strain Relief	105-02AFMM-SL7A	105-03AFMM-SL7A	105-04AFMM-SL7A	105-05AFMM-SL7A
Without Strain Relief	105-02BFMM-SL7A	105-03BFMM-SL7A	105-04BFMM-SL7A	105-05BFMM-SL7A

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

↘ M12 A (Metal) > Receptacle > Male Connector > Front Fastened

 Backshell: Hexagonal					
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts	8 Contacts
PCB Pin (180°)	PG9	12-03PMMP-SF8001	12-04PMMP-SF8001	12-05PMMP-SF8001	12-08PMMP-SF8001
	M16.0	12-03PMMP-SF8003 12-03PMMP-SF8004	12-04PMMP-SF8003 12-04PMMP-SF8004	12-05PMMP-SF8003 12-05PMMP-SF8004	12-08PMMP-SF8003 12-08PMMP-SF8004
PCB Pin (90°)	M12	12-03PMMR-SF7001	12-04PMMR-SF7001	12-05PMMR-SF7001	12-08PMMR-SF7001
	M12 (Shielded)	12S-03PMMR-SF7001	12S-04PMMR-SF7001	12S-05PMMR-SF7001	12S-08PMMR-SF7001
	PG9	12-03PMMR-SF8001	12-04PMMR-SF8001	12-05PMMR-SF8001	-
	M16.0	12-03PMMR-SF8003	12-04PMMR-SF8003	12-05PMMR-SF8003	-
Solder Pin (180°)	PG9	12-03PMMS-SF8001	12-04PMMS-SF8001	12-05PMMS-SF8001	12-08PMMS-SF8001
	M16.0	12-03PMMS-SF8003 12-03PMMS-SF8004	12-04PMMS-SF8003 12-04PMMS-SF8004	12-05PMMS-SF8003 12-05PMMS-SF8004	12-08PMMS-SF8003 12-08PMMS-SF8004
Wire Leads (150mm)	PG9	12-03PMMS-SF8B15	12-04PMMS-SF8B15	12-05PMMS-SF8B15	12-08PMMS-SF8B15
	M16.0	12-03PMMS-SF8C15	12-04PMMS-SF8C15	12-05PMMS-SF8C15	12-08PMMS-SF8C15
Wire Leads (300mm)	PG9	12-03PMMS-SF8B30	12-04PMMS-SF8B30	12-05PMMS-SF8B30	12-08PMMS-SF8B30
	M16.0	12-03PMMS-SF8C30	12-04PMMS-SF8C30	12-05PMMS-SF8C30	12-08PMMS-SF8C30
Wire Leads (500mm)	PG9	12-03PMMS-SF8B50	12-04PMMS-SF8B50	12-05PMMS-SF8B50	12-08PMMS-SF8B50
	M16.0	12-03PMMS-SF8C50	12-04PMMS-SF8C50	12-05PMMS-SF8C50	12-08PMMS-SF8C50

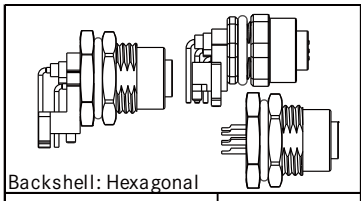
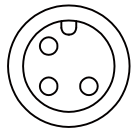
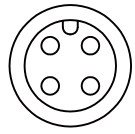
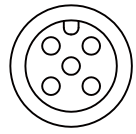
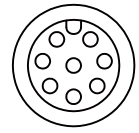
↘ M12 A (Metal) > Receptacle > Male Connector > Rear Fastened

					
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Solder Pin (180°)	PG9	12-03PMMS-SH8001	12-04PMMS-SH8001	12-05PMMS-SH8001	12-08PMMS-SH8001
	M16.0	12-03PMMS-SH8003 12-03PMMS-SH8004	12-04PMMS-SH8003 12-04PMMS-SH8004	12-05PMMS-SH8003 12-05PMMS-SH8004	12-08PMMS-SH8003 12-08PMMS-SH8004
Wire Leads (150mm)	PG9	12-03PMMS-SH8B15	12-04PMMS-SH8B15	12-05PMMS-SH8B15	12-08PMMS-SH8B15
	M16.0	12-03PMMS-SH8C15	12-04PMMS-SH8C15	12-05PMMS-SH8C15	12-08PMMS-SH8C15
Wire Leads (300mm)	PG9	12-03PMMS-SH8B30	12-04PMMS-SH8B30	12-05PMMS-SH8B30	12-08PMMS-SH8B30
	M16.0	12-03PMMS-SH8C30	12-04PMMS-SH8C30	12-05PMMS-SH8C30	12-08PMMS-SH8C30
Wire Leads (500mm)	PG9	12-03PMMS-SH8B50	12-04PMMS-SH8B50	12-05PMMS-SH8B50	12-08PMMS-SH8B50
	M16.0	12-03PMMS-SH8C50	12-04PMMS-SH8C50	12-05PMMS-SH8C50	12-08PMMS-SH8C50

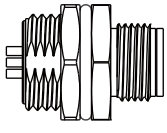
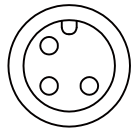
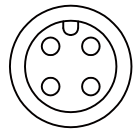
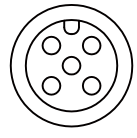
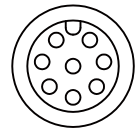
* Design and specification are subject to change without notice.

IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

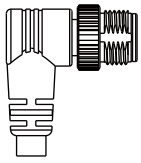
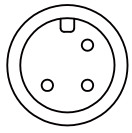
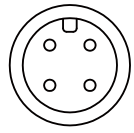
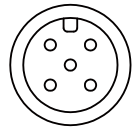
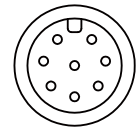
↘ M12 A (Metal) > Receptacle > Female Connector > Front Fastened

 Backshell: Hexagonal					
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts	8 Contacts
PCB Pin (180°)	PG9	12-03PFFP-SF8001	12-04PFFP-SF8001	12-05PFFP-SF8001	12-08PFFP-SF8001
	M16.0	12-03PFFP-SF8003 12-03PFFP-SF8004 12-03PFFP-SF8005	12-04PFFP-SF8003 12-04PFFP-SF8004 12-04PFFP-SF8005	12-05PFFP-SF8003 12-05PFFP-SF8004 12-05PFFP-SF8005	12-08PFFP-SF8003 12-08PFFP-SF8004 12-08PFFP-SF8005
PCB Pin (90°)	M12	12-03PFFR-SF7001	12-04PFFR-SF7001	12-05PFFR-SF7001	12-08PFFR-SF7001
	M12 (Shielded)	12S-03PFFR-SF7001	12S-04PFFR-SF7001	12S-05PFFR-SF7001	12S-08PFFR-SF7001
	PG9	12-03PFFR-SF8001	12-04PFFR-SF8001	12-05PFFR-SF8001	-
	M16.0	12-03PFFR-SF8003	12-04PFFR-SF8003	12-05PFFR-SF8003	-
Solder Pin (180°)	PG9	12-03PFFS-SF8001	12-04PFFS-SF8001	12-05PFFS-SF8001	12-08PFFS-SF8001
	M16.0	12-03PFFS-SF8003 12-03PFFS-SF8004	12-04PFFS-SF8003 12-04PFFS-SF8004	12-05PFFS-SF8003 12-05PFFS-SF8004	12-08PFFS-SF8003 12-08PFFS-SF8004
Wire Leads (150mm)	PG9	12-03PFFS-SF8B15	12-04PFFS-SF8B15	12-05PFFS-SF8B15	12-08PFFS-SF8B15
	M16.0	12-03PFFS-SF8C15	12-04PFFS-SF8C15	12-05PFFS-SF8C15	12-08PFFS-SF8C15
Wire Leads (300mm)	PG9	12-03PFFS-SF8B30	12-04PFFS-SF8B30	12-05PFFS-SF8B30	12-08PFFS-SF8B30
	M16.0	12-03PFFS-SF8C30	12-04PFFS-SF8C30	12-05PFFS-SF8C30	12-08PFFS-SF8C30
Wire Leads (500mm)	PG9	12-03PFFS-SF8B50	12-04PFFS-SF8B50	12-05PFFS-SF8B50	12-08PFFS-SF8B50
	M16.0	12-03PFFS-SF8C50	12-04PFFS-SF8C50	12-05PFFS-SF8C50	12-08PFFS-SF8C50

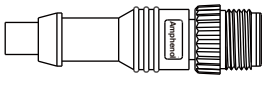
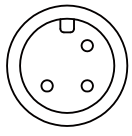
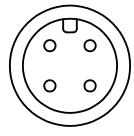
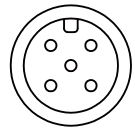
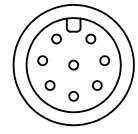
↘ M12 A (Metal) > Receptacle > Female Connector > Rear Fastened

					
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Solder Pin (180°)	PG9	12-03PFFS-SH8001	12-04PFFS-SH8001	12-05PFFS-SH8001	12-08PFFS-SH8001
	M16.0	12-03PFFS-SH8003 12-03PFFS-SH8004	12-04PFFS-SH8003 12-04PFFS-SH8004	12-05PFFS-SH8003 12-05PFFS-SH8004	12-08PFFS-SH8003 12-08PFFS-SH8004
Wire Leads (150mm)	PG9	12-03PFFS-SH8B15	12-04PFFS-SH8B15	12-05PFFS-SH8B15	12-08PFFS-SH8B15
Wire Leads (300mm)	PG9	12-03PFFS-SH8B30	12-04PFFS-SH8B30	12-05PFFS-SH8B30	12-08PFFS-SH8B30
Wire Leads (500mm)	PG9	12-03PFFS-SH8B50	12-04PFFS-SH8B50	12-05PFFS-SH8B50	12-08PFFS-SH8B50

↘ M12 A (Metal) > Overmolded with cable > Male Connector > Right Angle

				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
With Strain Relief	12-03AMMM-SR7	12-04AMMM-SR7	12-05AMMM-SR7	12-08AMMM-SR7
Without Strain Relief	12-03BMMM-SR7 12-03BMMM-SR8	12-04BMMM-SR7 12-04BMMM-SR8	12-05BMMM-SR7 12-05BMMM-SR8	12-08BMMM-SR7 12-08BMMM-SR8

↘ M12 A (Metal) > Overmolded with cable > Male Connector > Straight

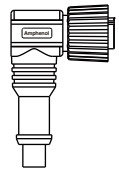
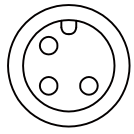
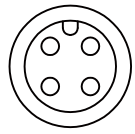
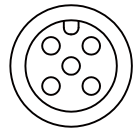
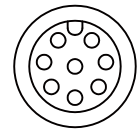
				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
With Strain Relief	12-03AMMM-SL7	12-04AMMM-SL7	12-05AMMM-SL7	12-08AMMM-SL7
Without Strain Relief	12-03BMMM-SL7 12-03BMMM-SL8	12-04BMMM-SL7 12-04BMMM-SL8	12-05BMMM-SL7 12-05BMMM-SL8	12-08BMMM-SL7 12-08BMMM-SL8
	12S-03BMMM-SL7 (Shielded)	12S-04BMMM-SL7 (Shielded)	12S-05BMMM-SL7 (Shielded)	12S-08BMMM-SL7 (Shielded)

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

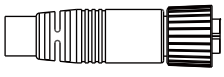
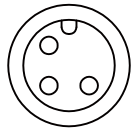
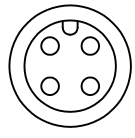
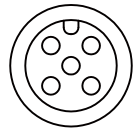
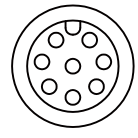
* Design and specification are subject to change without notice.

IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M12 A (Metal) > Overmolded with cable > Female Connector > Right Angle

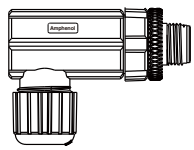
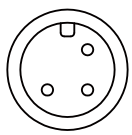
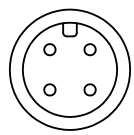
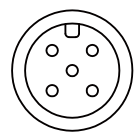
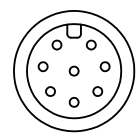
				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
With Strain Relief	12-03AFFM-SR7	12-04AFFM-SR7	12-05AFFM-SR7	12-08AFFM-SR7
Without Strain Relief	12L-03BFFM-SR7 (With LED)	12-04BFFM-SR8	12-05BFFM-SR8	12-08BFFM-SR8
	12-03BFFM-SR8			

↘ M12 A (Metal) > Overmolded with cable > Female Connector > Straight

				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
With Strain Relief	12-03AFFM-SL7	12-04AFFM-SL7	12-05AFFM-SL7	12-08AFFM-SL7
Without Strain Relief	12S-03BFFM-SL7 (Shielded)	12S-04BFFM-SL7 (Shielded)	12S-05BFFM-SL7 (Shielded)	12S-08BFFM-SL7 (Shielded)
	12-03BFFM-SL8	12-04BFFM-SL8	12-05BFFM-SL8	12-08BFFM-SL8

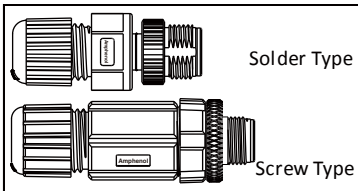
Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

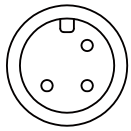
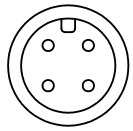
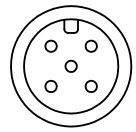
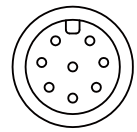
↘ M12 A (Metal) > Field Installable > Male Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Screw Type	12-03BMMB-SR7001	12-04BMMB-SR7001	12-05BMMB-SR7001	-

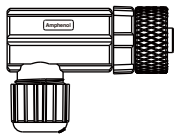
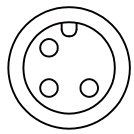
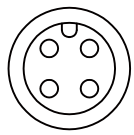
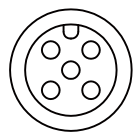
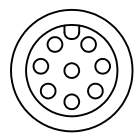
↘ M12 A (Metal) > Field Installable > Male Connector > Straight



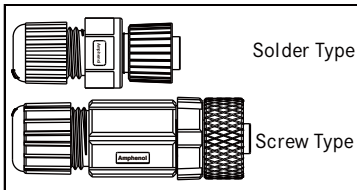
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Solder Type	12-03BMMA-SL8001	12-04BMMA-SL8001	12-05BMMA-SL8001	12-08BMMA-SL8001
	Screw Type	12-03BMMB-SL7001	12-04BMMB-SL7001	12-05BMMB-SL7001	-

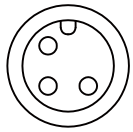
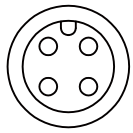
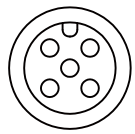
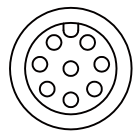
↘ M12 A (Metal) > Field Installable > Female Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Screw Type	12-03BFFB-SR7001	12-04BFFB-SR7001	12-05BFFB-SR7001	-

↘ M12 A (Metal) > Field Installable > Female Connector > Straight



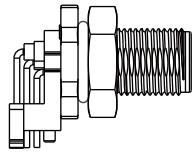
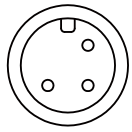
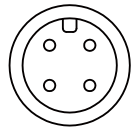
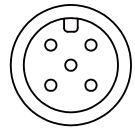
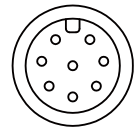





Type		3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Solder Type	12-03BFFA-SL8001	12-04BFFA-SL8001	12-05BFFA-SL8001	12-08BFFA-SL8001
	Screw Type	12-03BFFB-SL7001	12-04BFFB-SL7001	12-05BFFB-SL7001	-

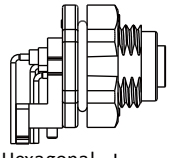
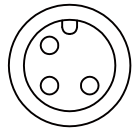
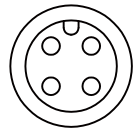
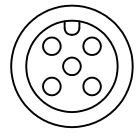
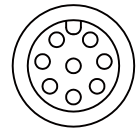
* Design and specification are subject to change without notice.

IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

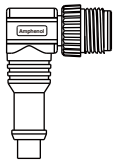
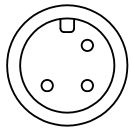
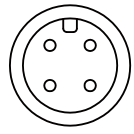
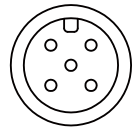
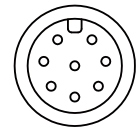
↘ M12 A (Plastic) > Receptacle > Male Connector > Front Fastened

 Backshell: Hexagonal					
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts	8 Contacts
PCB Pin (90°)	M12	12P-03PMMR-SF8001	12P-04PMMR-SF8001	12P-05PMMR-SF8001	-

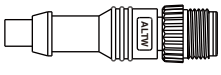
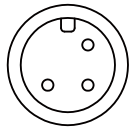
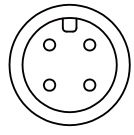
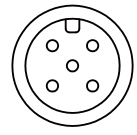
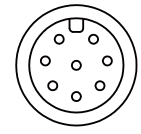
↘ M12 A (Plastic) > Receptacle > Female Connector > Front Fastened

 Backshell: Hexagonal					
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts	8 Contacts
PCB Pin (180°)	M16.0	12P-03PFFP-SF8003	12P-04PFFP-SF8003	12P-05PFFP-SF8003	12P-08PFFP-SF8003
PCB Pin (90°)	M16.0	12P-03PFFR-SF8003	12P-04PFFR-SF8003	12P-05PFFR-SF8003	-
Solder Pin (180°)	M16.0	12P-03PFFS-SF8003	12P-04PFFS-SF8003	12P-05PFFS-SF8003	12P-08PFFS-SF8003

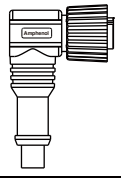
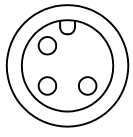
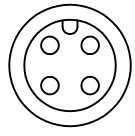
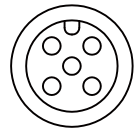
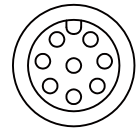
↘ M12 A (Plastic) > Overmolded with cable > Male Connector > Right Angle

				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	12P-03BMMM-SR8	12P-04BMMM-SR8	12P-05BMMM-SR8	12P-08BMMM-SR8

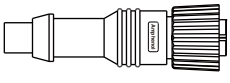
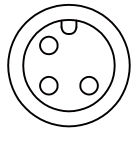
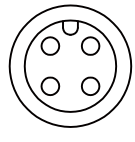
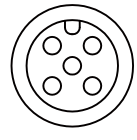
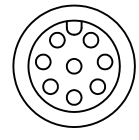
↘ M12 A (Plastic) > Overmolded with cable > Male Connector > Straight

				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	12P-03BMMM-SL8	12P-04BMMM-SL8	12P-05BMMM-SL8	12P-08BMMM-SL8

↘ M12 A (Plastic) > Overmolded with cable > Female Connector > Right Angle

				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	12P-03BFFM-SR8	12P-04BFFM-SR8	12P-05BFFM-SR8	12P-08BFFM-SR8

↘ M12 A (Plastic) > Overmolded with cable > Female Connector > Straight

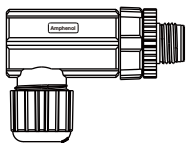
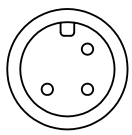
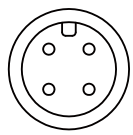
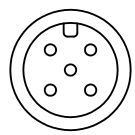
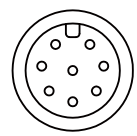
				
Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	12P-03BFFM-SL8	12P-04BFFM-SL8	12P-05BFFM-SL8	12P-08BFFM-SL8

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

* Design and specification are subject to change without notice.

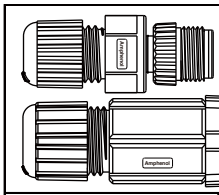
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

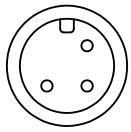
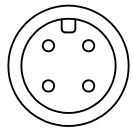
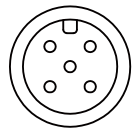
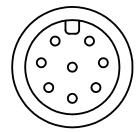
↘ M12 A (Plastic) > Field Installable > Male Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Solder Type	-	-	-	-
	Screw Type	12P-03BMMB-SR7001	12P-04BMMB-SR7001	12P-05BMMB-SR7001	-

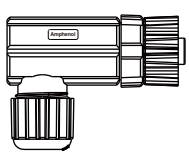
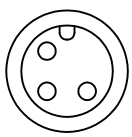
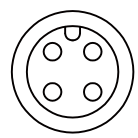
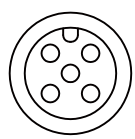
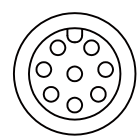
↘ M12 A (Plastic) > Field Installable > Male Connector > Straight



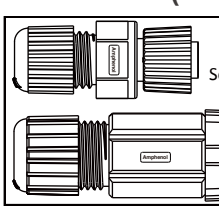
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Solder Type	12P-03BMMA-SL7001 12P-03BMMA-SL8001	12P-04BMMA-SL7001 12P-04BMMA-SL8001	12P-05BMMA-SL7001 12P-05BMMA-SL8001	12P-08BMMA-SL8001
	Screw Type	12P-03BMMB-SL7001	12P-04BMMB-SL7001	12P-05BMMB-SL7001	

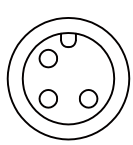
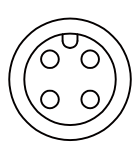
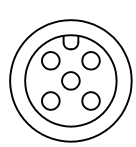
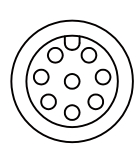
↘ M12 A (Plastic) > Field Installable > Female Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Solder Type	-	-	-	-
	Screw Type	12P-03BFFB-SR7001	12P-04BFFB-SR7001	12P-05BFFB-SR7001	-

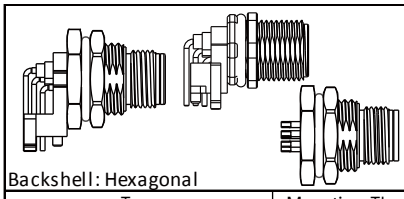
↘ M12 A (Plastic) > Field Installable > Female Connector > Straight

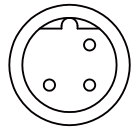


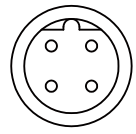





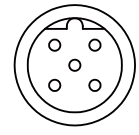
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts	8 Contacts
Without Strain Relief	Solder Type	12P-03BFFA-SL8001	12P-04BFFA-SL8001	12P-05BFFA-SL8001	12P-08BFFA-SL8001
	Screw Type	12P-03BFFB-SL7001	12P-04BFFB-SL7001	12P-05BFFB-SL7001	

↘ M12 B (Metal) > Receptacle > Male Connector > Front Fastened


Backshell: Hexagonal

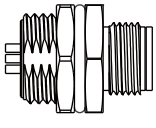


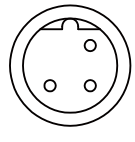


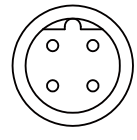


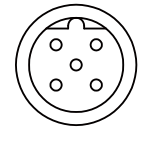
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (180°)	PG9	12B-03PMMP-SF8001	12B-04PMMP-SF8001	12B-05PMMP-SF8001
	M16	12B-03PMMP-SF8003	12B-04PMMP-SF8003 12B-04PMMP-SF8004	12B-05PMMP-SF8003 12B-05PMMP-SF8004
PCB Pin (90°)	M12	-	-	SBS-05PMMR-SF7001
	PG9	12B-03PMMR-SF8001	12B-04PMMR-SF8001	12B-05PMMR-SF8001 12B-05PMMR-SF7001
	M16	12B-03PMMR-SF8003	12B-04PMMR-SF8003	12B-05PMMR-SF8003
Solder Pin (180°)	PG9	12B-03PMMS-SF8001	12B-04PMMS-SF8001	12B-05PMMS-SF8001
	M16	12B-03PMMS-SF8003	12B-04PMMS-SF8003 12B-04PMMS-SF8004	12B-05PMMS-SF8003 12B-05PMMS-SF8004
Wire Leads (150mm)	PG9	-	-	12B-05PMMS-SF8B15
	M16	-	-	12B-05PMMS-SF8C15
Wire Leads (300mm)	PG9	-	-	12B-05PMMS-SF8B30
	M16	-	-	12B-05PMMS-SF8C30
Wire Leads (500mm)	PG9	-	-	12B-05PMMS-SF8B50
	M16	-	-	12B-05PMMS-SF8C50

↘ M12 B (Metal) > Receptacle > Male Connector > Rear Fastened









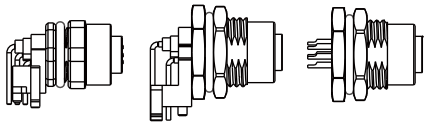
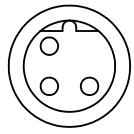
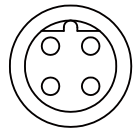
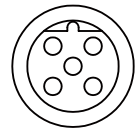
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (180°)	PG9	12B-03PMMS-SH8001	12B-04PMMS-SH8001	12B-05PMMS-SH8001
	M16	12B-03PMMS-SH8003	12B-04PMMS-SH8003 12B-04PMMS-SH8004	12B-05PMMS-SH8003 12B-05PMMS-SH8004
Wire Leads (150mm)	PG9	-	-	12B-05PMMS-SH8B15
	M16	-	-	12B-05PMMS-SH8C15
Wire Leads (300mm)	PG9	-	-	12B-05PMMS-SH8B30
	M16	-	-	12B-05PMMS-SH8C30
Wire Leads (500mm)	PG9	-	-	12B-05PMMS-SH8B50
	M16	-	-	12B-05PMMS-SH8C50

* Design and specification are subject to change without notice.

IP 65 . 67 9

Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

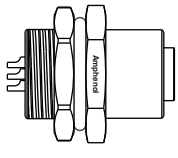
↘ M12 B (Metal) Receptacle > Female Connector > Front Fastened

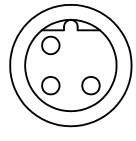
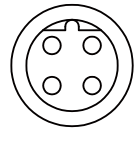
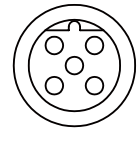





Backshell: Hexagonal

Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (180°)	PG9	12B-03PFFP-SF8001	12B-04PFFP-SF8001	12B-05PFFP-SF8001
	M16	12B-03PFFP-SF8003	12B-04PFFP-SF8003 12B-04PFFP-SF8004 12B-04PFFP-SF8005	12B-05PFFP-SF8003 12B-05PFFP-SF8004 12B-05PFFP-SF8005
PCB Pin (90°)	M12	-	-	SBS-05PFFR-SF7001
	PG9	12B-03PFFR-SF8001	12B-04PFFR-SF8001	12B-05PFFR-SF8001 12B-05PFFR-SF7001
	M16	12B-03PFFR-SF8003	12B-04PFFR-SF8003	12B-05PFFR-SF8003
Solder Pin (180°)	PG9	12B-03PFFS-SF8001	12B-04PFFS-SF8001	12B-05PFFS-SF8001
	M16	12B-03PFFS-SF8003	12B-04PFFS-SF8003 12B-04PFFS-SF8004	12B-05PFFS-SF8003 12B-05PFFS-SF8004
Wire Leads (150mm)	PG9	-	-	12B-05PFFS-SF8B15
	M16	-	-	12B-05PFFS-SF8C15
Wire Leads (300mm)	PG9	-	-	12B-05PFFS-SF8B30
	M16	-	-	12B-05PFFS-SF8C30
Wire Leads (500mm)	PG9	-	-	12B-05PFFS-SF8B50
	M16	-	-	12B-05PFFS-SF8C50

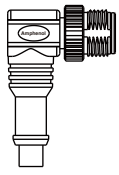
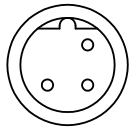
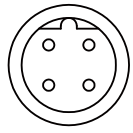
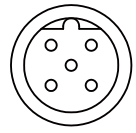
↘ M12 B (Metal) > Receptacle > Female Connector > Rear Fastened



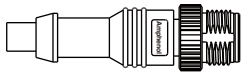
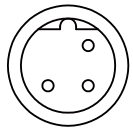
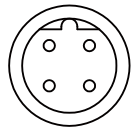
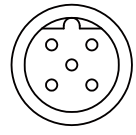




Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (180°)	PG9	12B-03PFFS-SH8001	12B-04PFFS-SH8001	12B-05PFFS-SH8001
	M16	12B-03PFFS-SH8003	12B-04PFFS-SH8003 12B-04PFFS-SH8004	12B-05PFFS-SH8003 12B-05PFFS-SH8004
Wire Leads (150mm)	PG9	-	-	12B-05PFFS-SH8B15
Wire Leads (300mm)	PG9	-	-	12B-05PFFS-SH8B30
Wire Leads (500mm)	PG9	-	-	12B-05PFFS-SH8B50

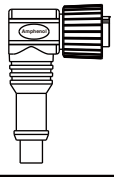
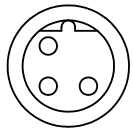
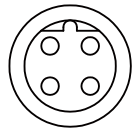
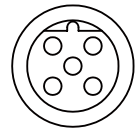
↘ M12 B (Metal) > Overmolded with cable > Male Connector > Right Angle

			
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12B-03BMMM-SR8	12B-04BMMM-SR8	12B-05BMMM-SR8

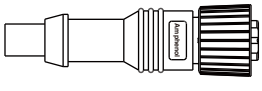
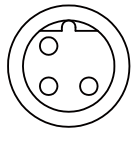
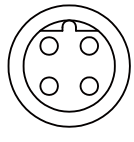
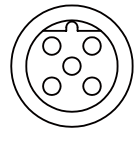
↘ M12 B (Metal) > Overmolded with cable > Male Connector > Straight

			
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12B-03BMMM-SL8	12B-04BMMM-SL8	12B-05BMMM-SL8

↘ M12 B (Metal) > Overmolded with cable > Female Connector > Right Angle

			
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12B-03BFFM-SR8	12B-04BFFM-SR8	12B-05BFFM-SR8

↘ MM12 B (Metal) > Overmolded with cable > Female Connector > Straight

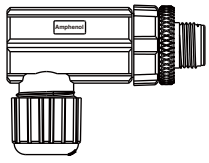
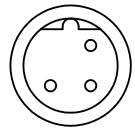
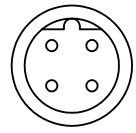
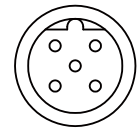
			
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12B-03BFFM-SL8	12B-04BFFM-SL8	12B-05BFFM-SL8

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

* Design and specification are subject to change without notice.

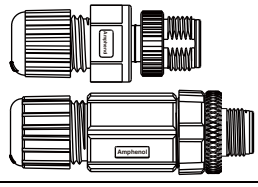
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

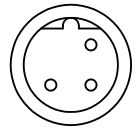
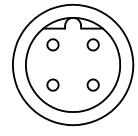
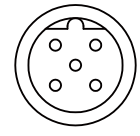
↘ M12 B (Metal) > Field Installable > Male Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	12B-03BMMB-SR7001	12B-04BMMB-SR7001	12B-05BMMB-SR7001

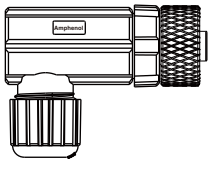
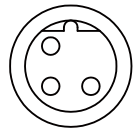
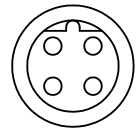
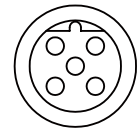
↘ M12 B (Metal) > Field Installable > Male Connector > Straight



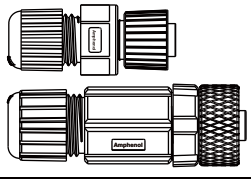
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	12B-03BMMA-SL8001	12B-04BMMA-SL8001	12B-05BMMA-SL8001
	Screw Type	12B-03BMMB-SL7001	12B-04BMMB-SL7001	12B-05BMMB-SL7001

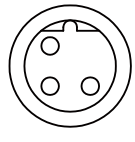
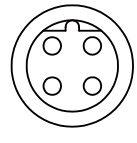
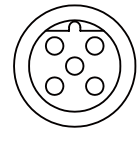
↘ M12 B (Metal) > Field Installable > Female Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	12B-03BFFB-SR7001	12B-04BFFB-SR7001	12B-05BFFB-SR7001

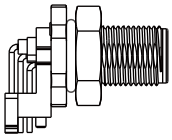
↘ M12 B (Metal) > Field Installable > Female Connector > Straight



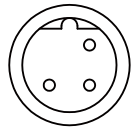




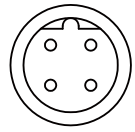
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	12B-03BFFA-SL8001	12B-04BFFA-SL8001	12B-05BFFA-SL8001
	Screw Type	12B-03BFFB-SL7001	12B-04BFFB-SL7001	12B-05BFFB-SL7001

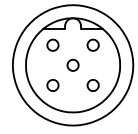
↘ M12 B (Plastic) > Receptacle > Male Connector > Front Fastened



Backshell: Hexagonal

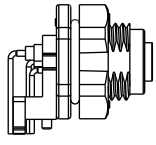




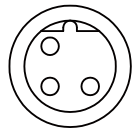


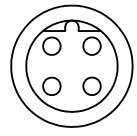
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (90°)	M12	-	-	SBP-05PMMR-SF8001

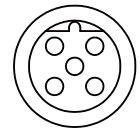
↘ M12 B (Plastic) > Receptacle > Female Connector > Front Fastened



Backshell: Hexagonal

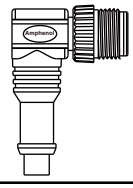


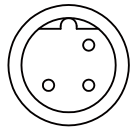


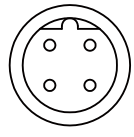


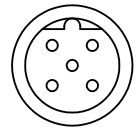
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (90°)	M12	-	-	SBP-05PFFR-SF8001

↘ M12 B (Plastic) > Overmolded with cable > Male Connector > Right Angle



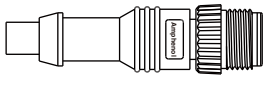


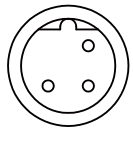


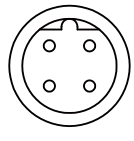


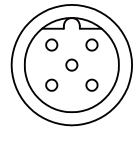
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SBP-03BMMM-SR8	SBP-04BMMM-SR8	SBP-05BMMM-SR8

↘ M12 B (Plastic) > Overmolded with cable > Male Connector > Straight







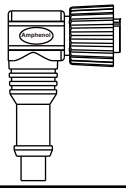
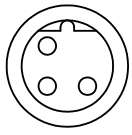
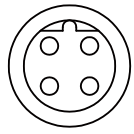
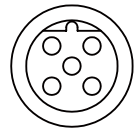


Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SBP-03BMMM-SL8	SBP-04BMMM-SL8	SBP-05BMMM-SL8

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

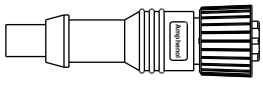
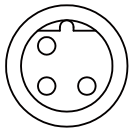
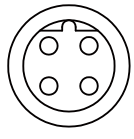
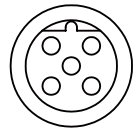
* Design and specification are subject to change without notice.

↘ M12 B (Plastic) > Overmolded with cable > Female Connector > Right Angle

Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SBP-03BFFM-SR8	SBP-04BFFM-SR8	SBP-05BFFM-SR8

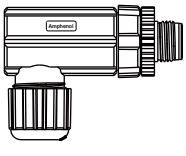
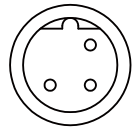
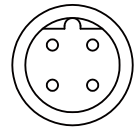
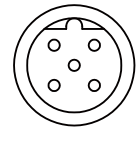
↘ M12 B (Plastic) > Overmolded with cable > Female Connector > Straight

Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SBP-03BFFM-SL8	SBP-04BFFM-SL8	SBP-05BFFM-SL8

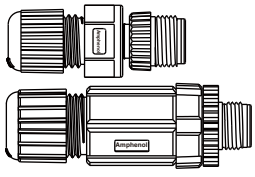
Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

↘ M12 B (Plastic) > Field Installable > Male Connector > Right Angle

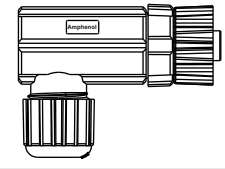
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	SBP-03BMMB-SR7001	SBP-04BMMB-SR7001	SBP-05BMMB-SR7001

↘ M12 B (Plastic) > Field Installable > Male Connector > Straight



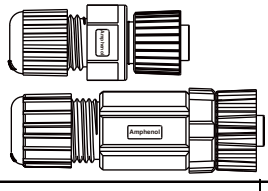
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	SBP-03BMMA-SL8001	SBP-04BMMA-SL8001	SBP-05BMMA-SL8001
	Screw Type	SBP-03BMMB-SL7001	SBP-04BMMB-SL7001	SBP-05BMMB-SL7001

↘ M12 B (Plastic) > Field Installable > Female Connector > Right Angle



Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	SBP-03BFFB-SR7001	SBP-04BFFB-SR7001	SBP-05BFFB-SR7001

↘ M12 B (Plastic) > Field Installable > Female Connector > Straight

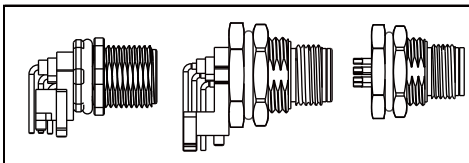


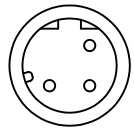
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	SBP-03BFFA-SL8001	SBP-04BFFA-SL8001	SBP-05BFFA-SL8001
	Screw Type	SBP-03BFFB-SL7001	SBP-04BFFB-SL7001	SBP-05BFFB-SL7001

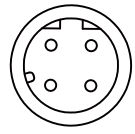
* Design and specification are subject to change without notice.

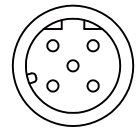
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M12 D (Metal) > Receptacle > Male Connector > Front Fastened


Backshell: Hexagonal

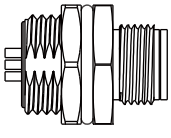


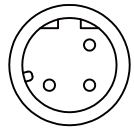


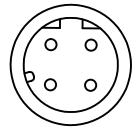


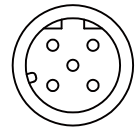
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (180°)	PG9	-	12D-04PMMP-SF8001	12D-05PMMP-SF8001
	M16.0	-	12D-04PMMP-SF8003 12D-04PMMP-SF8004	12D-05PMMP-SF8003 12D-05PMMP-SF8004
PCB Pin (90°)	PG9	-	12D-04PMMR-SF7001 12D-04PMMR-SF8001	-
	M12	-	12D-04PMMR-SF7007	-
	M12 (Shielded)		SDS-04PMMR-SF7007	
Solder Pin (180°)	PG9	12D-03PMMS-SF8001	12D-04PMMS-SF8001	12D-05PMMS-SF8001
	M16.0	-	12D-04PMMS-SF8003 12D-04PMMS-SF8004	12D-05PMMS-SF8003 12D-05PMMS-SF8004
Wire Leads (150mm)	PG9	-	12D-04PMMS-SF8B15	-
	M16.0	-	12D-04PMMS-SF8C15	-
Wire Leads (300mm)	PG9	-	12D-04PMMS-SF8B30	-
	M16.0	-	12D-04PMMS-SF8C30	-
Wire Leads (500mm)	PG9	-	12D-04PMMS-SF8B50	-
	M16.0	-	12D-04PMMS-SF8C50	-

↘ M12 D (Metal) > Receptacle > Male Connector > Rear Fastened



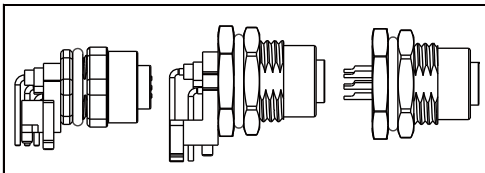


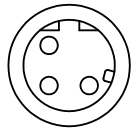


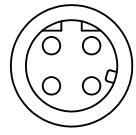


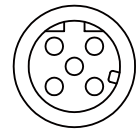
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
Solder Pin (180°)	PG9	12D-03PMMS-SH8001	12D-04PMMS-SH8001	12D-05PMMS-SH8001
	M16.0	-	12D-04PMMS-SH8003 12D-04PMMS-SH8004	12D-05PMMS-SH8003 12D-04PMMS-SH8004
Wire Leads (150mm)	PG9	-	12D-04PMMS-SH8B15	-
	M16.0	-	12D-04PMMS-SH8C15	-
Wire Leads (300mm)	PG9	-	12D-04PMMS-SH8B30	-
	M16.0	-	12D-04PMMS-SH8C30	-
Wire Leads (500mm)	PG9	-	12D-04PMMS-SH8B50	-
	M16.0	-	12D-04PMMS-SH8C50	-

↘ M12 D (Metal) > Receptacle > Female Connector > Front Fastened


Backshell: Hexagonal

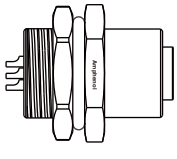


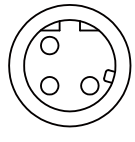


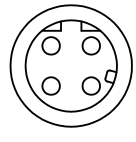


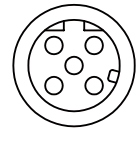
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (180°)	PG9	12D-03PFFP-SF8001	12D-04PFFP-SF8001	12D-05PFFP-SF8001
	M16.0	-	12D-04PFFP-SF8003 12D-04PFFP-SF8004 12D-04PFFP-SF8005	12D-05PFFP-SF8003 12D-05PFFP-SF8004 12D-05PFFP-SF8005
PCB Pin (90°)	PG9	12D-03PFFR-SF8001	12D-04PFFR-SF7001 12D-04PFFR-SF8001	12D-05PFFR-SF8001
	M16.0	12D-03PFFR-SF8003	12D-04PFFR-SF8003	12D-05PFFR-SF8003
	M12	-	12D-04PFFR-SF7007	-
	M12 (Shielded)		SDS-04PFFR-SF7007	
Solder Pin (180°)	PG9	12D-03PFFS-SF8001	12D-04PFFS-SF8001	12D-05PFFS-SF8001
	M16.0	12D-03PFFS-SF8003	12D-04PFFS-SF8003 12D-04PFFS-SF8004	12D-05PFFS-SF8003 12D-05PFFS-SF8004
Wire Leads (150mm)	PG9	-	12D-04PFFS-SF8B15	-
	M16.0	-	12D-04PFFS-SF8C15	-
Wire Leads (300mm)	PG9	-	12D-04PFFS-SF8B30	-
	M16.0	-	12D-04PFFS-SF8C30	-
Wire Leads (500mm)	PG9	-	12D-04PFFS-SF8B50	-
	M16.0	-	12D-04PFFS-SF8C50	-

↘ M12 D (Metal) > Receptacle > Female Connector > Rear Fastened







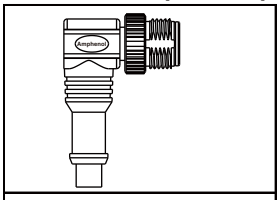
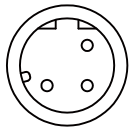
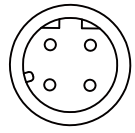
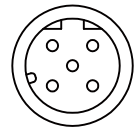


Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
Solder Pin (180°)	PG9	12D-03PFFS-SH8001	12D-04PFFS-SH8001	12D-05PFFS-SH8001
	M16.0	12D-03PFFS-SH8003	12D-04PFFS-SH8003 12D-04PFFS-SH8004	12D-05PFFS-SH8003 12D-05PFFS-SH8004
Wire Leads (150mm)	PG9	-	12D-04PFFS-SH8B15	-
Wire Leads (300mm)	PG9	-	12D-04PFFS-SH8B30	-
Wire Leads (500mm)	PG9	-	12D-04PFFS-SH8B50	-

* Design and specification are subject to change without notice.

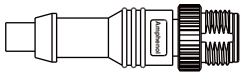
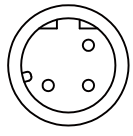
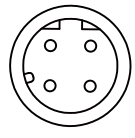
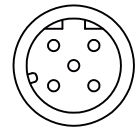
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M12 D (Metal) > Overmolded with cable > Male Connector > Right Angle

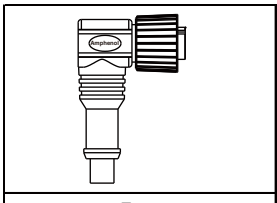
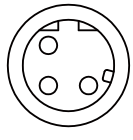
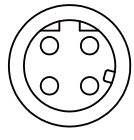
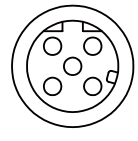
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12D-03BMMM-SR8	12D-04BMMM-SR8	12D-05BMMM-SR8

↘ M12 D (Metal) > Overmolded with cable > Male Connector > Straight

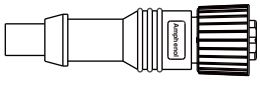
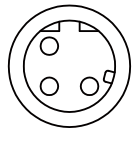
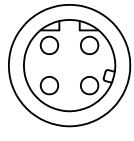
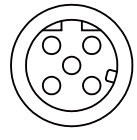
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12D-03BMMM-SL8	12D-04BMMM-SL8	12D-05BMMM-SL8

↘ M12 D (Metal) > Overmolded with cable > Female Connector > Right Angle

Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12D-03BFFM-SR8	12D-04BFFM-SR8	12D-05BFFM-SR8

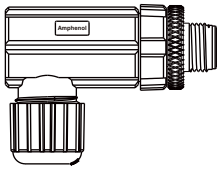
↘ M12 D (Metal) > Overmolded with cable > Female Connector > Straight

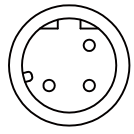





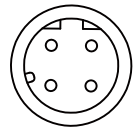
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	12D-03BFFM-SL8	12D-04BFFM-SL8	12D-05BFFM-SL8

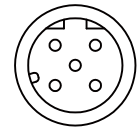
Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

↘ M12 D (Metal) > Field Installable > Male Connector > Right Angle



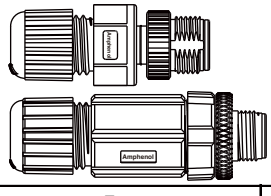






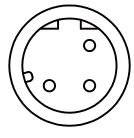
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	12D-03BMMB-SR7001	12D-04BMMB-SR7001	12D-05BMMB-SR7001

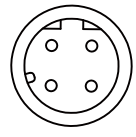
↘ M12 D (Metal) > Field Installable > Male Connector > Straight

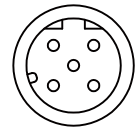


Solder Type

Screw Type

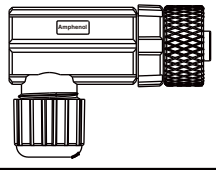


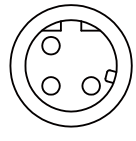


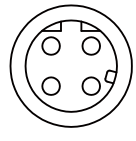


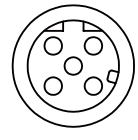
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	12D-03BMMA-SL8001	12D-04BMMA-SL8001	12D-05BMMA-SL8001
	Screw Type	12D-03BMMB-SL7001	12D-04BMMB-SL7001	12D-05BMMB-SL7001

↘ M12 D (Metal) > Field Installable > Female Connector > Right Angle



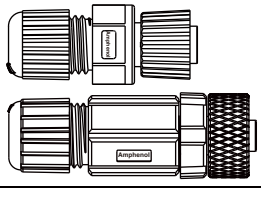






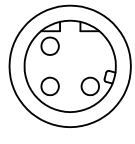
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	12D-03BFFB-SR7001	12D-04BFFB-SR7001	12D-05BFFB-SR7001

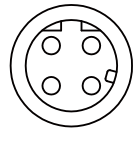
↘ M12 D (Metal) > Field Installable > Female Connector > Straight

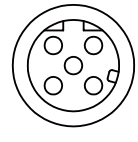


Solder Type

Screw Type





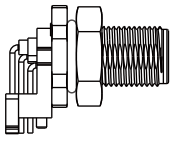
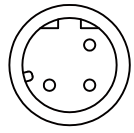
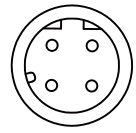
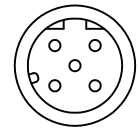


Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	12D-03BFFA-SL8001	12D-04BFFA-SL8001	12D-05BFFA-SL8001
	Screw Type	12D-03BFFB-SL7001	12D-04BFFB-SL7001	12D-05BFFB-SL7001

* Design and specification are subject to change without notice.

IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

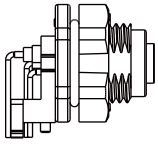
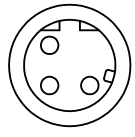
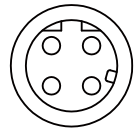
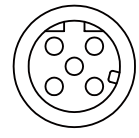
↘ M12 D (Plastic) > Receptacle > Male Connector > Front Fastened

Backshell: Hexagonal

Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (90°)	M12	-	SDP-04PMMR-SF8001	-

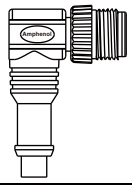
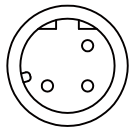
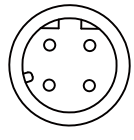
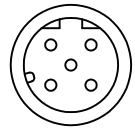
↘ M12 D (Plastic) > Receptacle > Female Connector > Front Fastened

Backshell: Hexagonal

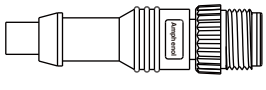
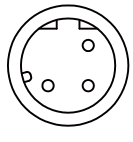
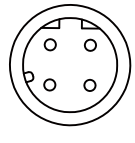
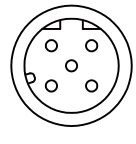
Type	Mounting Thread	3 Contacts	4 Contacts	5 Contacts
PCB Pin (90°)	M12	-	SDP-04PFFR-SF8001	-

↘ M12 D (Plastic) > Overmolded with cable > Male Connector > Right Angle

Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SDP-03BMMM-SR8	SDP-04BMMM-SR8	SDP-05BMMM-SR8

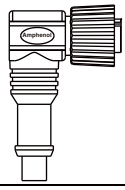
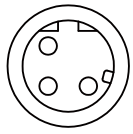
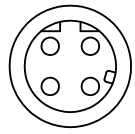
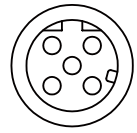
↘ M12 D (Plastic) > Overmolded with cable > Male Connector > Straight

Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SDP-03BMMM-SL8	SDP-04BMMM-SL8	SDP-05BMMM-SL8

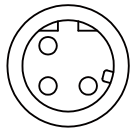
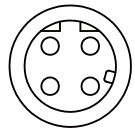
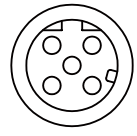
Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

↘ M12 D (Plastic) > Overmolded with cable > Female Connector > Right Angle

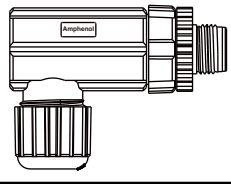
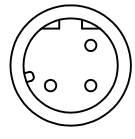
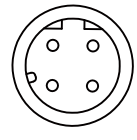
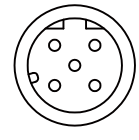
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SDP-03BFFM-SR8	SDP-04BFFM-SR8	SDP-05BFFM-SR8

↘ M12 D (Plastic) > Overmolded with cable > Female Connector > Straight

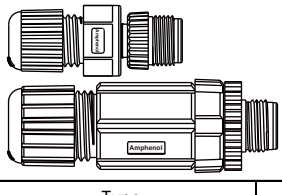
Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	SDP-03BFFM-SL8	SDP-04BFFM-SL8	SDP-05BFFM-SL8

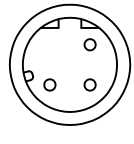
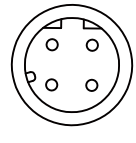
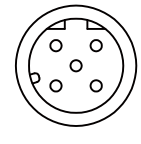
↘ M12 D (Plastic) > Field Installable > Male Connector > Right Angle

Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	SDP-03BMMB-SR7001	SDP-04BMMB-SR7001	SDP-05BMMB-SR7001

↘ M12 D (Plastic) > Field Installable > Male Connector > Straight



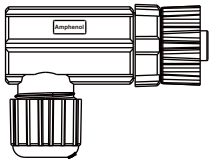




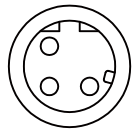
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	SDP-03BMMA-SL8001	SDP-04BMMA-SL8001	SDP-05BMMA-SL8001
	Screw Type	SDP-03BMMB-SL7001	SDP-04BMMB-SL7001	SDP-05BMMB-SL7001

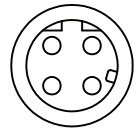
* Design and specification are subject to change without notice.

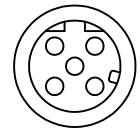
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M12 D (Plastic) > Field Installable > Female Connector > Right Angle



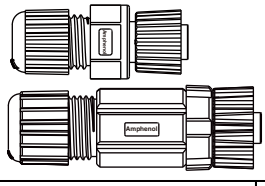


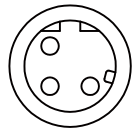


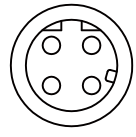


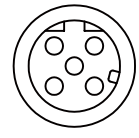
Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Screw Type	SDP-03BFFB-SR7001	SDP-04BFFB-SR7001	SDP-05BFFB-SR7001

↘ M12 D (Plastic) > Field Installable > Female Connector > Straight



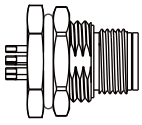
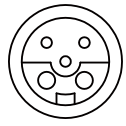






Type	Contact Type	3 Contacts	4 Contacts	5 Contacts
Without Strain Relief	Solder Type	SDP-03BFFA-SL8001	SDP-04BFFA-SL8001	SDP-05BFFA-SL8001
	Screw Type	SDP-03BFFB-SL7001	SDP-04BFFB-SL7001	SDP-05BFFB-SL7001

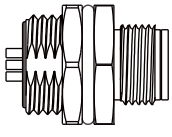
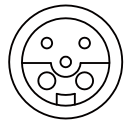
↘ M12 I (Metal) > Receptacle > Male Connector (Housing) > Front Fastened (Male+Female Contact)

Backshell: Hexagonal

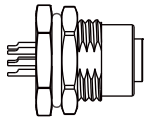
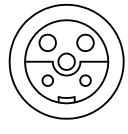
Type	Mounting Thread	5 Contacts
PCB Pin (180°)	PG9	12-05PMIP-SF8001
	M16.0	12-05PMIP-SF8003 12-05PMIP-SF8004
PCB Pin (90°)	PG9	12-05PMIR-SF8001
	M16.0	12-05PMIR-SF8003
Solder Pin (180°)	PG9	12-05PMIS-SF8001
	M16.0	12-05PMIS-SF8003 12-05PMIS-SF8004

↘ M12 I (Metal) > Receptacle > Male Connector (Housing) > Rear Fastened (Male+Female Contact)

Type	Mounting Thread	5 Contacts
Solder Pin (180°)	PG9	12-05PMIS-SH8001
	M16.0	12-05PMIS-SH8003 12-05PMIS-SH8004

↘ M12 I (Metal) > Receptacle > Female Connector (Housing) > Front Fastened (Male+Female Contact)

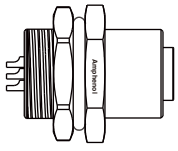
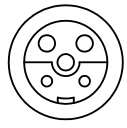
Backshell: Hexagonal

Type	Mounting Thread	5 Contacts
PCB Pin (180°)	PG9	12-05PFIP-SF8001
	M16.0	12-05PFIP-SF8003 12-05PFIP-SF8004
PCB Pin (90°)	PG9	12-05PFIR-SF8001
	M16.0	12-05PFIR-SF8003
Solder Pin (180°)	PG9	12-05PFIS-SF8001
	M16.0	12-05PFIS-SF8003 12-05PFIS-SF8004

* Design and specification are subject to change without notice.

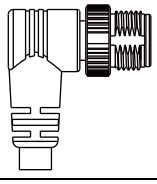
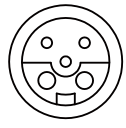
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M12 I (Metal) > Receptacle > Female Connector (Housing) > Rear Fastened (Male+Female Contact)

Type	Mounting Thread	5 Contacts
Solder Pin (180°)	PG9	12-05PFIS-SH8001
	M16.0	12-05PFIS-SH8003 12-05PFIS-SH8004

↘ M12 I (Metal) > Overmolded with cable > Male Connector (Housing) > Right Angle (Male+Female Contact)

Type	5 Contacts
With Strain Relief	12-05AMIM-SR7
Without Strain Relief	12-05BMIM-SR8

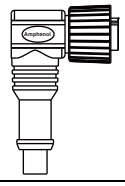
↘ M12 I (Metal) > Overmolded with cable > Male Connector (Housing) > Straight (Male+Female Contact)

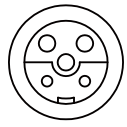



Type	5 Contacts
With Strain Relief	12-05AMIM-SL7
Without Strain Relief	12-05BMIM-SL8

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

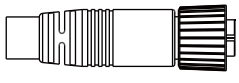
↘ M12 I (Metal) > Overmolded with cable > Female Connector (Housing) > Right Angle (Male+Female Contact)

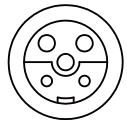




Type	5 Contacts
With Strain Relief	12-05AFIM-SR7
Without Strain Relief	12-05BFIM-SR8

↘ M12 I (Metal) > Overmolded with cable > Female Connector (Housing) > Straight





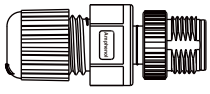
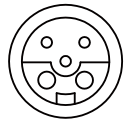
Type	5 Contacts
With Strain Relief	12-05AFIM-SL7
Without Strain Relief	12-05BFIM-SL8

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

* Design and specification are subject to change without notice.

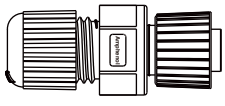
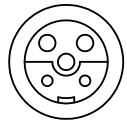
IP 67 . 68 9
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

↘ M12 I (Metal) > Field Installable>Male Connector (Housing) > Straight (Male+Female Contact)

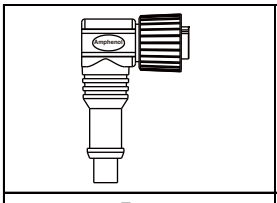
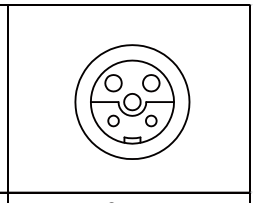
Type	Contact Type	5 Contacts
Without Strain Relief	Solder Type	12P-05BMIA-SL8001

↘ M12 I (Plastic) > Field Installable > Female Connector (Housing) > Straight (Male+Female Contact)

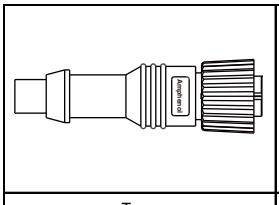
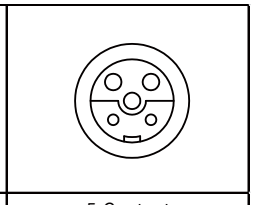
Type	Contact Type	5 Contacts
Without Strain Relief	Solder Type	12P-05BFIA-SL8001

↘ M12 I (Plastic) > Overmolded with cable > Female Connector (Housing) > Right Angle (Male+Female Contact)

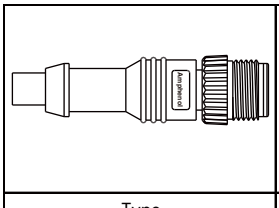
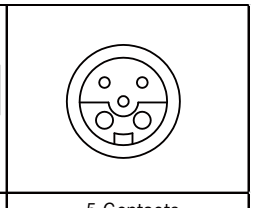
Type	5 Contacts
Without Strain Relief	12P-05BFIM-SR8

↘ M12 I (Plastic) > Overmolded with cable > Female Connector (Housing) > Straight (Male+Female Contact)

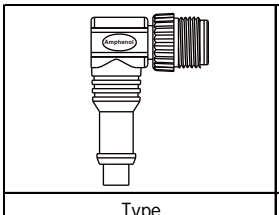
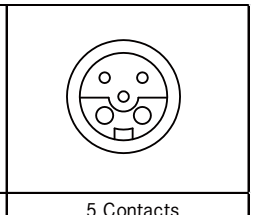
Type	5 Contacts
Without Strain Relief	12P-05BFIM-SL8

↘ M12 I (Plastic) > Overmolded with cable > Male Connector (Housing) > Straight (Male+Female Contact)

Type	5 Contacts
Without Strain Relief	12P-05BMIM-SL8

↘ M12 I (Plastic) > Overmolded with cable > Male Connector (Housing) > Right Angle (Male+Female Contact)

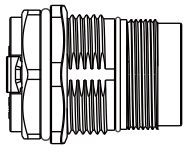



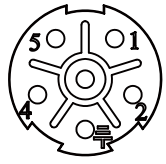
Type	5 Contacts
Without Strain Relief	12P-05BMIM-SR8

Cable Type	1M	3M	5M	10M
PVC	A01	A02	A05	A10
PU	B01	B02	B05	B10

* Design and specification are subject to change without notice.

↘ M23 (Metal) > Receptacle (Field Installable Type) > Male Connector (Housing) > Front Fastened

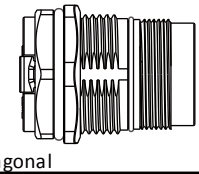


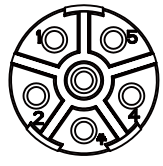


Backshell: Hexagonal

Type	Contact Gender	6 Contacts
Crimp Pin	Male	LJ23-06PMMC-SF7001

↘ M23 (Metal) > Receptacle (Field Installable Type) > Male Connector (Housing) > Front Fastened

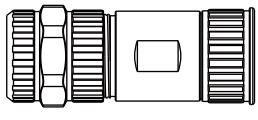


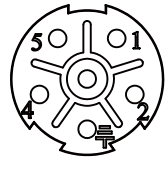


Backshell: Hexagonal

Type	Contact Gender	6 Contacts
Crimp Pin	Female	LJ23-06PMFC-SF7001

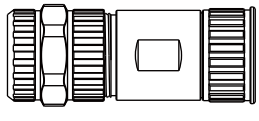
↘ M23 (Metal) > Field Installable > Female Connector (Housing) > Straight

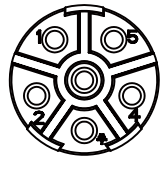




Type	Contact Type	Contact Gender	6 Contacts
Without Strain Relief	Crimp Pin	Male	LJ23-06DFMC-SL7001

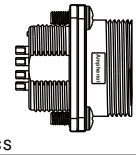
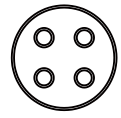
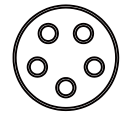
↘ M23 (Metal) > Field Installable > Female Connector (Housing) > Straight

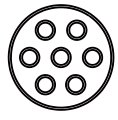
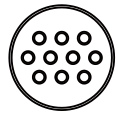
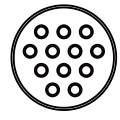
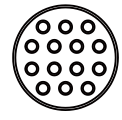




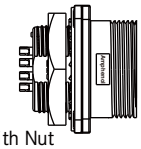
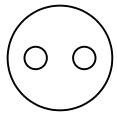
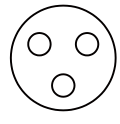
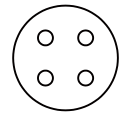
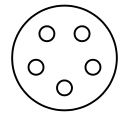
Type	Contact Type	Contact Gender	6 Contacts
Without Strain Relief	Crimp Pin	Female	LJ23-06DFFC-SL7001 LJ23-06DFFC-SL7002

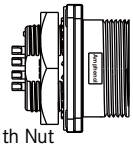
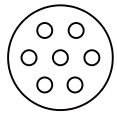
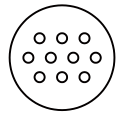
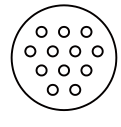
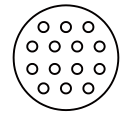
↘ Heavy Duty Shielded Connector (Metal) > Receptacle > Male Connector (Housing) > Front Fastened

Backshell: Square Mating style: Screw Thread Mounting Thread: M3*4 pics 						
Current Rating	Contact Type	Salt Spray Test	2 Contacts	3 Contacts	4 Contacts	5 Contacts
10A	PCB Pin (180°) / Female	48H	-	-	LB20-04PMFS-SW8001	LB20-05PMFS-SW8001
		500H	-	-	HB20-04PMFS-SW8001	HB20-05PMFS-SW8001
20A	PCB Pin (180°) / Female	48H	LC20-02PMFS-SW8001	LC20-03PMFS-SW8001	-	-
		500H	HC20-02PMFS-SW8001	HC20-03PMFS-SW8001	-	-

Backshell: Square Mating style: Screw Thread Mounting Thread: M3*4 pics 						
Current Rating	Contact Type	Salt Spray Test	7 Contacts	10 Contacts	12 Contacts	14 Contacts
5A	PCB Pin (180°) / Female	48H	-	LD20-10PMFS-SW8001	LD20-12PMFS-SW8001	LD20-14PMFS-SW8001
		500H	-	HD20-10PMFS-SW8001	HD20-12PMFS-SW8001	HD20-14PMFS-SW8001
10A	PCB Pin (180°) / Female	48H	LB20-07PMFS-SW8001	-	-	-
		500H	HB20-07PMFS-SW8001	-	-	-

↘ Heavy Duty Shielded Connector (Metal) > Receptacle > Male Connector (Housing) > Rear Fastened

Backshell: Square Mating style: Screw Thread With Nut Mounting Thread: M20 						
Current Rating	Contact Type	Salt Spray Test	2 Contacts	3 Contacts	4 Contacts	5 Contacts
10A	PCB Pin (180°) / Female	48H	-	-	LB20-04PMFS-SN8001	LB20-05PMFS-SN8001
		500H	-	-	HB20-04PMFS-SN8001	HB20-05PMFS-SN8001
20A	PCB Pin (180°) / Female	48H	LC20-02PMFS-SN8001	LC20-03PMFS-SN8001	-	-
		500H	HC20-02PMFS-SN8001	HC20-03PMFS-SN8001	-	-

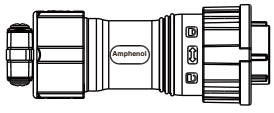
Backshell: Square Mating style: Screw Thread With Nut Mounting Thread: M20 						
Current Rating	Contact Type	Salt Spray Test	7 Contacts	10 Contacts	12 Contacts	14 Contacts
5A	PCB Pin (180°) / Female	48H	-	LD20-10PMFS-SN8001	LD20-12PMFS-SN8001	LD20-14PMFS-SN8001
		500H	-	HD20-10PMFS-SN8001	HD20-12PMFS-SN8001	HD20-14PMFS-SN8001
10A	PCB Pin (180°) / Female	48H	LB20-07PMFS-SN8001	-	-	-
		500H	HB20-07PMFS-SN8001	-	-	-

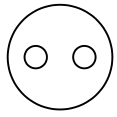
* Design and specification are subject to change without notice.

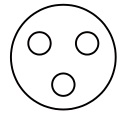
IP 65 . 67 9

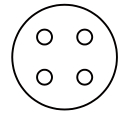
Receptacle I Unmated
Overmolded with Cable I Mated
Field Installable I Mated

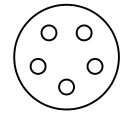
↘ Heavy Duty Shielded Connector (Metal) > Field Installable > Female Connector (Housing) > Straight





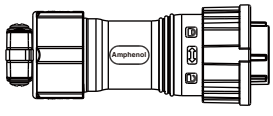


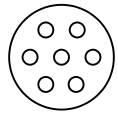


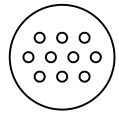


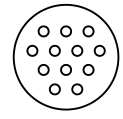
Without Strain Relief

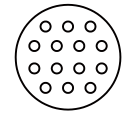
Current Rating	Contact Type	Salt Spray Test	2 Contacts	3 Contacts	4 Contacts	5 Contacts
10A	Solder Type / Male	48H	-	-	LB20-04BFMA-SL8001	LB20-05BFMA-SL8001
		500H	-	-	HB20-04BFMA-SL8001	HB20-05BFMA-SL8001
20A	Solder Type / Male	48H	LC20-02BFMA-SL8001	LC20-03BFMA-SL8001	-	-
		500H	HC20-02BFMA-SL8001	HC20-03BFMA-SL8001	-	-











Without Strain Relief

Current Rating	Contact Type	Salt Spray Test	7 Contacts	10 Contacts	12 Contacts	14 Contacts
5A	Solder Type / Male	48H	-	LD20-10BFMA-SL8001	LD20-12BFMA-SL8001	LD20-14BFMA-SL8001
		500H	-	HD20-10BFMA-SL8001	HD20-12BFMA-SL8001	HD20-14BFMA-SL8001
10A	Solder Type / Male	48H	LB20-07BFMA-SL8001	-	-	-
		500H	HB20-07BFMA-SL8001	-	-	-

Memo

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