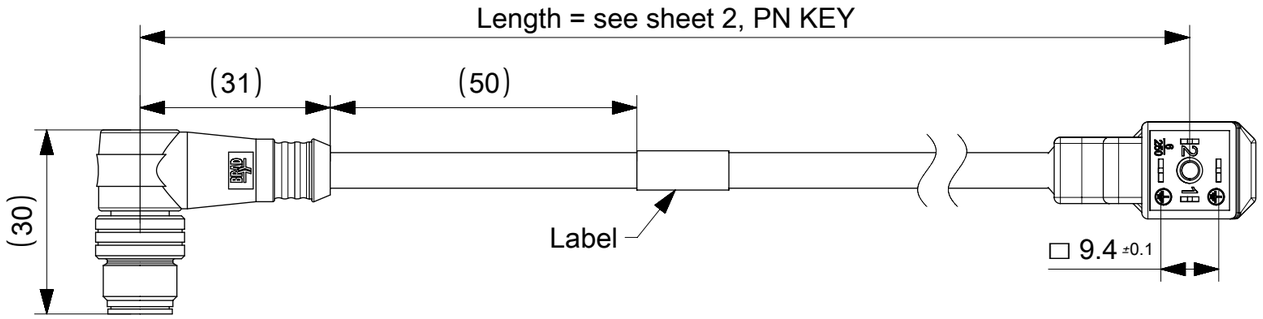
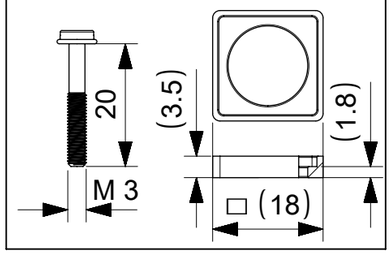


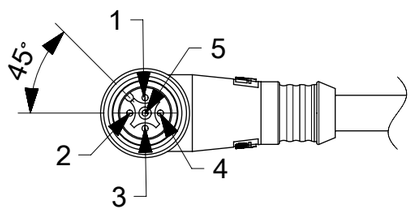
PN KEY
G850X0X...



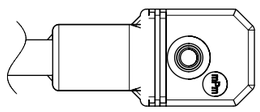
PN KEY
G850X2X...

SCREW & GASKET
Index of protection: IP65

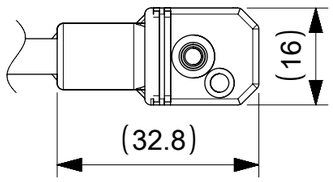


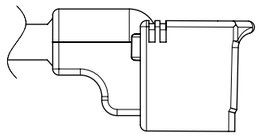


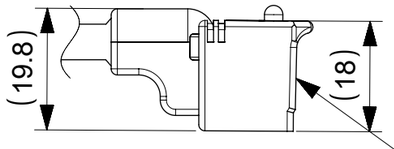
DIN Connector views for PNs without LED



DIN Connector views for PNs with LED



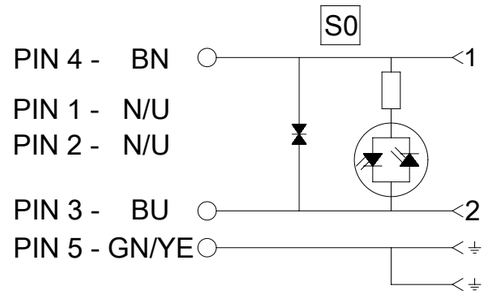




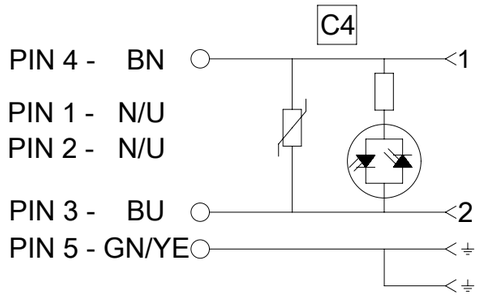
Electrical diagram & mPm logo printed in white

ELECTRICAL DIAGRAMS

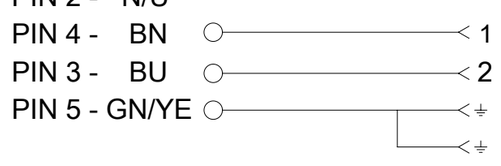
M12 DIN — S0



M12 DIN — C4



M12 DIN



BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION
12	0/2	I/D CARRIER
11	0/1	PCB
10	1	GASKET
9	1	SCREW
8	4	CONTACT DIN
7	1	INSERT DIN MICRO
6	-	MOULDING MATERIAL PP
5	5	CONTACT MALE
4	1	M12 COUPLING NUT MALE
3	1	M12 INSERT 5P MALE
2	-	MOULDING MATERIAL TPU
1	-	CABLE

RELEASE STATUS	P1	RELEASE DATE	31.10.2017 07:50:26

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QUALITY SYMBOLS
EA = 0
EC = 0
EP = 0
▼ = 0
C = 0
☒ = 0
■ = 0
C = 0

EC NO: 167233
DRWN: APAWLAK01 2017/10/18
CHK'D:
APPR: MIWASIECZKO 2017/10/31
REV A

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: mm
SCALE: 1:1
DRWN BY: APAWLAK01 DATE: 2017/10/18
CHK'D BY: DATE:
APPR BY: MIWASIECZKO DATE: 2017/10/31
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

G850 DIN MICRO / MMC 5P MM

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
121036	SEE 1210360510 PDP	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
1210360510	PSD	000	1 OF 2

FORMAT: tb-prod-A3
REVISION: G
DATE: 2015/12/14

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

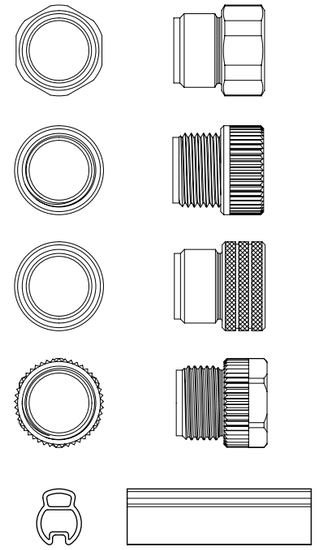
OPTIONS

G	8	5	0	X	X	X	X	X	X	X	X	X	X

- G=Form Micro (9.4mm contact spacing)
- 8=MMC M12 Connector
- 5=5 Poles
- 0=Default Standard Wiring
- Electrical configuration:
  0 = Without circuit
  A = S0 24V Yellow LED
  B = C4 24V Yellow LED
  C = S0 110V Yellow LED
  D = C4 110V Yellow LED
  E = S0 24V Green LED
  F = C4 24V Green LED
  G = S0 110V Green LED
  H = C4 110V Green LED
  J = S0 24V Red LED
  K = C4 24V Red LED
  L = S0 110V Red LED
  M = C4 110V Red LED
  S = C4 230V Yellow LED
- DIN Earth Position - o'clock & M12 connector body:
  0 = Earth H6/H12, Male Straight
  2 = Earth H6/H12, Male Right Angle
- Cable type: See Table
- Units: M=Meter
- Length Examples:
  005=0.5 units
  010=1 units
  100=10 units
- Overmold color:
  Blank (Standard)=Black
  A=Grey / G=Black / Y=Yellow

  Coupling Nut:
  Blank (Standard)=Knurled Brass Ni Plated
  1=Hexagonal Stainless steel
  5=Knurled Derlin
  7=Knurled Brass Ni Plated, Teflon Coated
  9=Knurled / Hexagonal Brass Ni Plated

  H= 2 pcs. of I/D Carrier PVC Transparent (Cables Ixx & P82 always with 2 pcs. I/D Carrier)



CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A58	3	20AWG	PVC BLACK	UL 2661	C22.2 II A 105°C/300V	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B31	3	0.50mm²	WSOR BLACK	UL 21215	-	-	-25°C to +80°C, 7.5xO.D.	-
E03	3	0.34mm²	PVC BLACK	UL 2464	CSA C22.2	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-
E12	3	0.50mm²	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
I12	3	0.50mm²	CEI PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
P12	3	0.50mm²	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-

Table of length tolerances [mm]		
Over	Up to and including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

Notes:
1. Please see excel sheet 1210360510_PDP for currently configured part numbers.
2. Drawing is a replacement for SD-121036-003

RELEASE STATUS	P1	RELEASE DATE	31.10.2017 07:50:26

QUALITY SYMBOLS: FA = 0 / FC = 0 / FP = 0 / ▼ = 0 / C = 0 / ☒ = 0 / ■ = 0 / ▽ = 0

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2 PLACES ±
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DIMENSION UNITS: mm | SCALE: 1:1
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G850 DIN MICRO / MMC 5P MM

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DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
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FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

151660051 2147561082 2147632113 2174712111 2174911213 2178431123 2183231061 936012539
1451300703 217471-1221 216288-1063 2175202124 2138642633 2153482125 2162721083 559320830
1300970327 2181021034 2174902123 1200878703 151670248 2174911202 2163012123 2175101122
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