

General ordering data	
Order No.	1766800000
Part designation	SAI-8-M 4P IDC
Version	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
EAN	4032248107339
Qty.	1 pc(s).

Dimensions	
Length	152 mm
Height	41.5 mm
Width	60 mm

Technical data	
Ambient temperature, max.	90 °C
Ambient temperature, min.	-20 °C
Behaviour in fire	V-0
Bus system	without
Clamping range, max.	1.5 mm²
Clamping range, min.	0.08 mm²
Connection type PE	Screw connection
Contact carrier material	PBT UL 94 V0
Contact surface	tinned
Contact tube O-ring material	Viton
Contact tube diameter	M12
Core O.D., max.	1.6 mm
Core O.D., min.	1.2 mm
Current per signal	2 A
Electrical isolation available	Yes
Hood sealing material	Viton
Housing colour	grey, RAL 7032
Housing material	Pocan
Insulation resistance	1 MΩ
LED colour for I/O function	yellow
LED colour for indicating operation	green

Technical data	
LED initiator	Yes
Number of contact sockets	8
Ordering data, title	SAI-4/6/8-M IDC
Pollution severity	2
Protection class	IP 67
Rated voltage	32 V DC
Test voltage	1 kVeff
Threaded sockets	CuZn, nickel-plated
Total current	10 A
Wiring diagram	
max. connection of equal cross-section	10
max. current-carrying capacity per slot	3 A
max. voltage	30 V DC
min. voltage	10 V
No. of poles	4
Version	complete module

Approvals	
Approvals institutes	

Classifications	
ETIM 2.0	NK
ETIM 3.0	EC001856
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

Similar products

Order No.	Part designation	Version
1766780000	SAI-4-M 4P IDC	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766781000	SAI-4-M 4P IDC UT	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766790000	SAI-6-M 4P IDC	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766791000	SAI-6-M 4P IDC UT	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1804540000	SAI-8-M 4P IDC PE	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766801000	SAI-8-M 4P IDC UT	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes

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