General ordering data	
Order No.	1705930000
Part designation	SAI-6-M 4P M12
Version	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
EAN	4008190949792
Qty.	1 pc(s).

Dimensions	
Length	127 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
Conductor O.D., max.	0 mm
Conductor O.D., min.	0 mm
Connection type PE	Screw connection
Contact carrier material	PBT UL 94 V0
Contact material	CuZn, pre-nickeled, gold-plated
Contact surface	tinned
Contact tube O-ring material	Viton
Contact tube diameter	M12
Current per signal	2 A
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
LED initiator	Yes
Number of contact sockets	6
Ordering data, title	SAI-4/6/8-M
Plugging cycles	< = 50
Pollution severity	3
Protection class	IP 68
Rated voltage	32 V DC
Test voltage	1 kVeff
Threaded sockets	CuZn, nickel-plated
Total current	10 A
Wiring diagram	
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
1705921000	SAI-4 M 4P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705920000	SAI-4-M 4P M12	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1752080000	SAI-4/6/8-MH BLZF3.5	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705931000	SAI-6-M 4P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705940000	SAI-8-M 4P M12	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705941000	SAI-8-M 4P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes