General ordering data	
Order No.	1701240000
Part designation	SAI-6-M 5P M12
Version	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
EAN	4008190949747
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
Cable gland	M 20
Clamping range, max.	1.5 mm²
Clamping range, min.	0.08 mm²
Conductor O.D., max.	12 mm
Conductor O.D., min.	6 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
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
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
Sheathing stripping length	100 mm
Smallest strand diameter	0 mm
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	5

Technical data	
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
1701230000	SAI-4-M 5P M12	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1800000000	SAI-4-M 5P M12 OL	Sensor-actuator passive distributor, M12, Hood version, LED: No
1701231000	SAI-4-M 5P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1782680000	SAI-4/6/8-MH 5P PUR 10M	Sensor-actuator passive distributor, M12, Hood version, LED: No
1752080050	SAI-4/6/8-MH BLZF3.5 SV	Sensor-actuator passive distributor, M12, Hood version
1701241000	SAI-6-M 5P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1701250000	SAI-8-M 5P M12	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1781060000	SAI-8-M 5P M12 NPN	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1740190000	SAI-8-M 5P M12 OL	Sensor-actuator passive distributor, M12, Hood version, LED: No
1740191000	SAI-8-M 5P M12 OL UT	Sensor-actuator passive distributor, M12, Hood version, LED: No
1816610000	SAI-8-M 5P M12 OL2	Sensor-actuator passive distributor, M12, Hood version, LED: No
1701251000	SAI-8-M 5P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1767880000	SAI-8-M 5P M12 ZF III	Sensor-actuator passive distributor, M12, Hood version, LED: Yes