General ordering data	
Order No.	9456620000
Part designation	SAI-6-F 5P PUR 10M
Version	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
EAN	4008190304614
Qty.	1 pc(s).

Dimensions	
Length	127 mm
Height	25 mm

Technical data	
Ambient temperature, max.	80 °C
Ambient temperature, min.	-20 °C
Behaviour in fire	V-0
Bus system	without
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	No
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-F
Plugging cycles	< = 50
Pollution severity	3
Protection class	IP 68
Rated voltage	32 V DC
Sheathing stripping length	100 mm
Suitable for cable carriers	Yes
Test voltage	1 kVeff
Threaded sockets	CuZn, nickel-plated
Total current	9 A
Wiring diagram	
max. current-carrying capacity per slot	3 A
max. voltage	30 V DC
min. voltage	10 V
No. of poles	5
Version	complete module
Cable length	10 m

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
9456340000	SAI-4-F 5P PUR 10M	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
9456350000	SAI-4-F 5P PUR 15M	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes
9456370000	SAI-4-F 5P PUR 20M	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
9456320000	SAI-4-F 5P PUR 3M	Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes
9456330000	SAI-4-F 5P PUR 5M	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes
9456630000	SAI-6-F 5P PUR 15M	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes
9456650000	SAI-6-F 5P PUR 20M	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
9456600000	SAI-6-F 5P PUR 3M	Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes
9456610000	SAI-6-F 5P PUR 5M	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes
9456900000	SAI-8-F 5P PUR 10M	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
9456910000	SAI-8-F 5P PUR 15M	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes
9456930000	SAI-8-F 5P PUR 20M	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
9456880000	SAI-8-F 5P PUR 3M	Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes
9456890000	SAI-8-F 5P PUR 5M	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes
9457600000	SAI-8-F 5P 10M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
1784510000	SAI-8-F 5P 15M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes

1784500000	SAI-8-F 5P 20M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
7915030000	SAI-8-F 5P 2M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 2.00 m, LED: Yes
9457590000	SAI-8-F 5P 5M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes