Weidmüller

SAI Passive
SAI-4/6/8-MHF 5P PUR 10M

M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

Delivery status	Discontinued
Available until	2019-07-01
Type	SAI-4/6/8-MHF 5P PUR 10M
Order No.	1782680000
Version	SAI Passive, Sensor-actuator passive distributor, M12, Hood version, No
GTIN (EAN)	4032248178421
Qty.	1 pc(s).
Alternative product	1791461400

Creation date April 22, 2020 6:34:36 AM CEST

SAI Passive
SAI-4/6/8-MHF 5P PUR 10M

Technical data

Dimensions and weights

Net weight	1,840 g

Temperatures

Operating temperature range, max.	90 °C	Operating temperature range, min.	-20 °C
Operating temperature, max.	90 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 90°C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	100 mm	Cable glands	M 20
Clamping range, min.	0.08 mm²	Clamping range, max.	1.5 mm²
Storage space	Standard	Distributor outlet	Hood version
Connection type PE	Screw connection		

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	4 A
Total current	10 A	Current per signal	2 A
Electrical isolation available	Yes		

General technical data

Protection degree	IP68	Number of poles	5
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED colour for indicating operation	green
LED colour for I/O function	yellow		

Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Number of poles	5	Conductor O.D., min.	6 mm
Conductor O.D., max.	12 mm		

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08
eClass 10.0	27-44-01-11	UNSPSC	30-21-18-01

Creation date April 22, 2020 6:34:36 AM CEST

SAI Passive
SAI-4/6/8-MHF 5P PUR 10M

Technical data

Approvals

Approvals	EAC
ROHS	Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN