

SAI-4-MMS 5P M12 1:1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Some applications require complete shielding from the sensor to the control. Our metal SAI distributors achieve this complete shielding. EMC glands are included with the distributors. Initiator LEDs are omitted.

They are available in 4- and 8-way M12 versions with 5 or 10 m cables. In addition, these distributors can be used in harsh environments e.g. in the vicinity of welding plant. Hoods with a generous connection space available so that they can be provided with a standard gland up to M25.

- no EMC problems,
- high resistance to chemical or mechanical influences,
- standard fixing dimensions.

General ordering data

Version	Hood version, M12, 30 V, A-coded, LED: No, LED initiator: No, Wiring type: 1:1
Order No.	1897680000
Type	SAI-4-MMS 5P M12 1:1
GTIN (EAN)	4032248515028
Qty.	1 items
Delivery status	Discontinued
Last order date	2025-11-29T00:00:00+01:00

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197

Dimensions and weights

Height	43 mm	Height (inches)	1.6929 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	600 g		

Temperatures

Operating temperature	-20 - 90°C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	080d521b-fe82-472b-91b0-e57e0e68f901

Connection data

Conductor O.D., min.	10 mm	Conductor O.D., max.	14 mm
Clamping range, min.	0.08 mm ²	Clamping range, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 28	Wire connection cross section AWG, max.	AWG 14
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, 0.2 mm ² min.		w. plastic collar ferrule, DIN 46228 pt 4, 1.5 mm ² max.	
w. wire end ferrule, DIN 46228 pt 1, 0.2 mm ² min.		w. wire end ferrule, DIN 46228 pt 1, 1.5 mm ² max.	
Storage space	Standard	Distributor outlet	Hood version

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	No	Insulation resistance	109 Ω

General technical data

Protection degree	IP68	Plug-in station coding	A-coded
Number of poles	5	Number of contact sockets	4
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED initiator	No

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Material data

Housing main material	Zinc diecast	Material of distributor	metal
Housing colour	silver	Hood sealing material	Polyurethane foamed
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., max.	14 mm
Conductor O.D., min.	10 mm	Suitable for cable carriers	No

Product information

Product information	Complete continuity of shielded transmission through the distributor housing.
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Important note

Product information	Complete continuity of shielded transmission through the distributor housing.
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Classifications

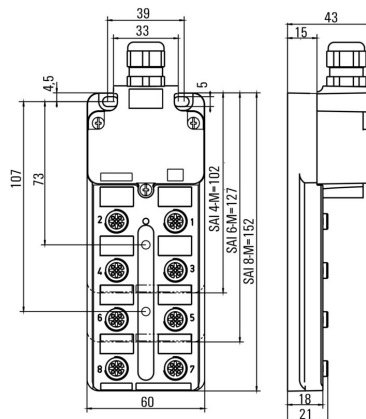
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

Drawings

Similar to illustration



Dimensioned drawing



Wiring diagram

