

SAI Passive SAI-4/6/8 MH-MM BL 3.5

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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

Type	SAI-4/6/8 MH-MM BL 3.5
Order No.	1724754000
Version	SAI Passive, Sensor-actuator passive distributor, Hood version, No
GTIN (EAN)	4032248296781
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	60 mm	Width (inches)	2.362 inch
Height	43 mm	Height (inches)	1.693 inch
Net weight	280 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
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Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Cable glands	M 20	Clamping range, min.	0.08 mm ²
Clamping range, max.	1.5 mm ²	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	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No		

Material data

Housing main material	Zinc diecast	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

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
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Classifications

ETIM 3.0	EC001856	ETIM 4.0	EC002585
ETIM 5.0	EC002585	ETIM 6.0	EC002585
UNSPSC	30-21-18-01	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08

Data sheet**SAI Passive
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Technical data**Product information**

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

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue [CAT 8 SAI 15/16 EN](#)
[FL FIELDWIRING EN](#)