

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

Klingenbergstraße 26

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Germany

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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-MMS 5P M12
Order No.	1783520000
Version	SAI Passive, Sensor-actuator passive distributor, M12, Hood version, Yes
GTIN (EAN)	4032248184620
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
Depth	102 mm	Depth (inches)	4.016 inch
Net weight	603 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.	10 mm	Conductor O.D., max.	14 mm
Clamping range, min.	0.08 mm ²	Clamping range, max.	1.5 mm ²
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	Insulation strength	10 ⁹ Ω

General technical data

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

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

Suitable for cable carriers	No	Number of poles	5
Conductor O.D., min.	10 mm	Conductor O.D., max.	14 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

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Technical data

Approvals

Approvals



ROHS

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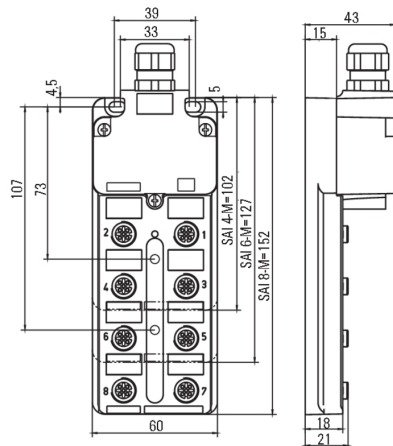
Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	WSCAD
Engineering Data	STEP

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Drawings

Dimensioned drawing



Wiring diagram

