

SAI-8-MF 4P PUR 5M M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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www.weidmueller.com



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

Type	SAI-8-MF 4P PUR 5M M12
Order No.	1799960000
Version	Sensor-actuator passive distributor, M12, Hood version, 5 m, Yes
GTIN (EAN)	4032248255764
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	41.5 mm	Height (inches)	1.634 inch
Depth	152 mm	Depth (inches)	5.984 inch
Net weight	747 g		

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 80°C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

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	Insulation strength	10 ⁹ Ω

General technical data

Plug-in station coding	A	Protection degree	IP68
Number of poles	4	Number of contact sockets	8
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	Yes	LED initiator	Yes
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

Cable length	5 m	Suitable for cable carriers	Yes
Number of poles	4	O.D.	8.2 mm

Classifications

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

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

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

Engineering Data

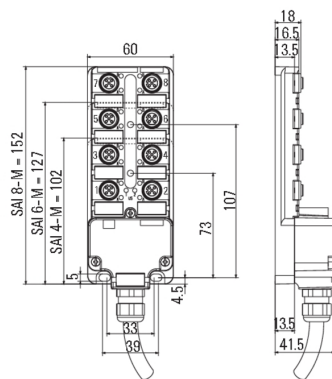
[WSCAD](#)

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Drawings

Dimensioned drawing



Wiring diagram

