

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Hood version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP, 5 m
Order No.	1799960000
Type	SAI-8-MF 4P PUR 5M M12
GTIN (EAN)	4032248255764
Qty.	1 items
Delivery status	Discontinued
Last order date	2025-12-30T00:00:00+01:00

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	152 mm	Depth (inches)	5.9842 inch
Height	41.5 mm	Height (inches)	1.6339 inch
Net weight	653.84 g		

Temperatures

Operating temperature	-20 - 80°C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Connection data

Conductor cross-section (rated connection), min.	0.08 mm ²	Conductor cross-section (rated connection), max.	1.5 mm ²
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	Electrical isolation available	No
Insulation resistance	109 Ω		

General technical data

Protection degree	IP68	Plug-in station coding	A-coded
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

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

Classifications

ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	EC002585	ECLASS 14.0	27-44-01-08

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ECLASS 15.0

27-44-01-08

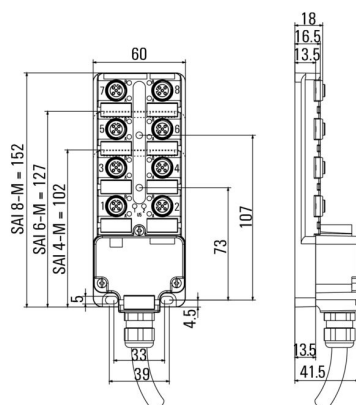
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Drawings

Dimensioned drawing



Wiring diagram

