

SAI-8-M 5P M12

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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 distributor, M12, 30, A-coded, LED: Yes, Initiator LED: Yes
Order No.	1701250000
Type	SAI-8-M 5P M12
GTIN (EAN)	4008190949761
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	152 mm	Depth (inches)	5,984 inch
Height	41,5 mm	Height (inches)	1,634 inch
Width	60 mm	Width (inches)	2,362 inch
Net weight	275 g		

Temperatures

Operating temperature	-20 - 90°C	Operating temperature, min.	-20 °C
Operating temperature, max.	90 °C		

Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	100 mm	Cable glands	M 20
Clamping range, min.	0,08 mm ²	Clamping range, max.	1,5 mm ²
Storage space	Standard	Distributor outlet	Hood distributor
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	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

Conductor O.D., max.	12 mm	Conductor O.D., min.	6 mm
Number of poles	5	Suitable for cable carriers	No

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ECLASS 9.0	27-44-01-08
ECLASS 9.1	27-44-01-08	ECLASS 10.0	27-44-01-11
ECLASS 11.0	27-44-01-11	ECLASS 12.0	27-44-01-11

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Technische Daten

Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

Approvals

Approvals



ROHS

Conform

UL File Number Search

UL Website

Certificate No. (cURus)

E141197

Downloads

Engineering Data

[CAD data – STEP](#)

Engineering Data

[WSCAD, Zuken E3.S, EPLAN](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)
[FL FIELDWIRING EN](#)

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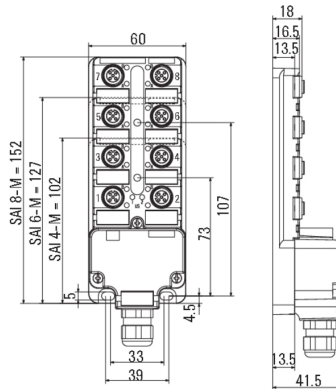
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Zeichnungen

Dimensioned drawing



Wiring diagram

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