

SAI-4-MH-4P M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Cable gland: M25 for cables with an outer insulation diameter from 13 mm to 18 mm. The SAI distributor with M25 cable gland is suitable among others for the following cable types:

- 21 x 0,50 mm
- 18 x 0,75 mm bis 21 x 0,75 mm
- 14 x 100 mm bis 20 x 100 mm
- 8 x 1,50 mm bis 16 x 1,50 mm

General ordering data

Version	Hood version with M20 outlet, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	1705922000
Type	SAI-4-MH-4P M12
GTIN (EAN)	4032248184446
Qty.	1 pc(s).

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Catalogue status 24.02.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	102 mm	Depth (inches)	4.016 inch
Height	55 mm	Height (inches)	2.165 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	486 g		

Temperatures

Operating temperature	-20 - 90°C
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Connection data

Conductor O.D., min.	10 mm	Conductor O.D., max.	14 mm
Cable glands	M 20	Clamping range, min.	0.08 mm ²
Clamping range, max.	1.5 mm ²	Storage space	gross
Distributor outlet	Hood version with M20 outlet	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-coded	Protection degree	IP68
Number of poles	4	Number of contact sockets	4
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 (base module), Zinc diecast (hood)	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

Conductor O.D., max.	14 mm	Conductor O.D., min.	10 mm
Number of poles	4	Suitable for cable carriers	No

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	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	ECLASS 13.0	27-44-01-11

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Technical data

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

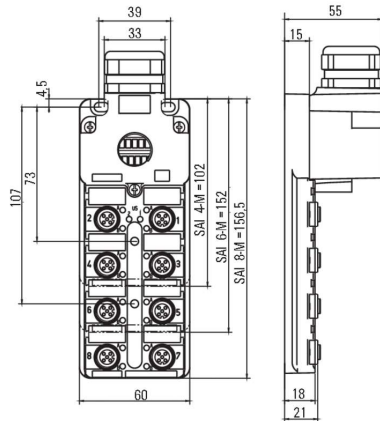
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Drawings

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Dimensioned drawing



Wiring diagram

