Data sheet

SAI-4/6/8 MH-MH BL 3.5

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, 30 V, , LED: No, LED initiator: No, Wiring type: None
Order No.	1724752000
Type	SAI-4/6/8 MH-MH BL 3.5
GTIN (EAN)	4032248184576
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Height	55 mm	Height (inches)	2.1654 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	340 g		

Temperatures

Operating temperature	-20 - 90°C

Environmental Product Compliance

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

Connection data

Conductor O.D., min.	10 mm	Conductor O.D., max.	14 mm
Cable gland	M 20	Conductor cross-section (rated connection), min.	0.08 mm²
Conductor cross-section (rated connection), max.	1.5 mm²	Wire connection cross section AWG, min.	AWG 28
Wire connection cross section AWG, max.	AWG 14	Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	1.5 mm²	Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	1.5 mm²	w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm²	w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm²
w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm²	Storage space	gross
Distributor outlet	Hood version with M20 outlet		

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	No		

General technical data

Protection degree	IP68	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED initiator	No

Material data

Housing main material	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)

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Technical data

Technical data cable

Conductor O.D., max.	14 mm	Conductor O.D., min.	10 mm
Suitable for cable carriers	No		

Classifications

ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

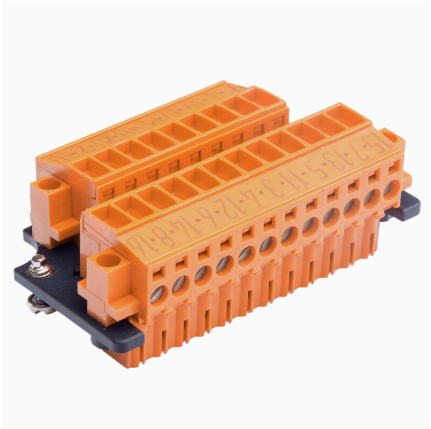
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Drawings

Similar to illustration



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Accessories

M12

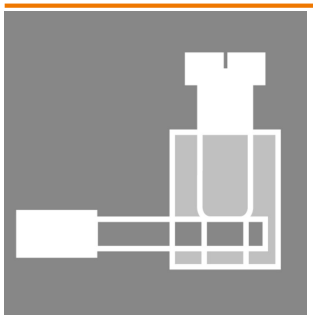


Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK-M12	Version
Order No.	9456050000	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 ST	

Screw terminal connector



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.
Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.
The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Type	SAISGS-P-5A-4/6-M12	Version
Order No.	9456940000	Field attachable connector, M12
GTIN (EAN)	4008190304935	
Qty.	1 ST	

Type	SAISWS-P-5A-4/6-M12	Version
Order No.	9456950000	Field attachable connector, M12
GTIN (EAN)	4008190304003	
Qty.	1 ST	