

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

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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

Type	SAI-4/6/8 MH-MH BL 3.5
Order No.	1724752000
Version	SAI Passive, Sensor-actuator passive distributor, M12, Hood version with M20 outlet, No
GTIN (EAN)	4032248184576
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	60 mm	Width (inches)	2.362 inch
Height	55 mm	Height (inches)	2.165 inch
Net weight	340 g		

Temperatures

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

General data

Connection type PE	Screw connection	Fire behaviour	V-0
connection thread	M12	Storage space	gross
Plugging cycles	≤ 50	Pollution severity	3
Cable gland	M 20	Distributor outlet	Hood version with M20 outlet
Rated voltage , max.	30 V	Rated voltage , min.	10 V
Electrical isolation available	Yes	Test voltage	1 kV
Current per signal	2 A	Total current	10 A
Max. current-carrying capacity per slot	4 A	Housing main material	Zinc diecast (hood)
Housing colour	Silver	Screw socket	CuZn, nickel-plated
Hood sealing material	Foamed PUR	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)
Clamping range, max.	1.5 mm ²	Clamping range, min.	0.08 mm ²
Conductor O.D.	10 - 14mm	Conductor O.D., max.	14 mm
Conductor O.D., min.	10 mm	LED	No
LED colour for indicating operation	green	LED colour for I/O function	yellow

Classifications

ETIM 3.0	EC001856	ETIM 4.0	EC002585
ETIM 5.0	EC002585	ETIM 6.0	EC002585
UNSPSC	30-21-18-01	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-06-91-90	eClass 9.1	27-44-01-08

Approvals

Approvals



ROHS

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Brochure/Catalogue [CAT 8 SAI 15/16 EN](#)
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Accessories
Angled


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	Order No.	Version	GTIN (EAN)	Qty.
SAISW-5/7	9456950000	Plugs prefabricated to customer spec., M12, pin, 90°	4008190304003	1 pc(s).

Straight


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	Order No.	Version	GTIN (EAN)	Qty.
SAIS-5/7	9456940000	Plugs prefabricated to customer spec., M12, pin, straight	4008190304935	1 pc(s).

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Accessories

Twin connector plug M12



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. In special-purpose machine engineering, certain applications require two different lengths of cables which are routed to a single plug-in. To resolve this problem, we offer customisable male plugs and female sockets with two cable outlets. The miniature twin plug comes with a 90° outlet and a straight outlet. The angled version can be rotated as required at 90° intervals.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SAIS-ZW-5	9457540000	Plugs prefabricated to customer spec., M12, pin, straight	4032248143290	1 pc(s).

M12



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

General ordering data

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