

**SAI Passive**  
**SAI-4/6/8 MH-MH BL 3.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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.	<a href="#">1724752000</a>
Version	SAI Passive, Sensor-actuator passive distributor, 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		

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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 <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	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		

### General technical data

Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≤ 50	LED	No
LED colour for indicating operation	green	LED colour for I/O function	yellow

### 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)

### Technical data cable

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

### Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08
eClass 10.0	27-44-01-11	UNSPSC	30-21-18-01

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Brochure/Catalogue

[CAT 8 SAI 15/16 EN](#)  
[FL FIELDWIRING EN](#)

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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.	<a href="#">9456050000</a>	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 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	SAIS-5/7	Version
Order No.	<a href="#">9456940000</a>	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4008190304935	
Qty.	1 pc(s).	

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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	SAISW-5/7	Version
Order No.	<a href="#">9456950000</a>	Plugs prefabricated to customer spec., M12, pin, 90&deg;
GTIN (EAN)	4008190304003	
Qty.	1 pc(s).	

### 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	SAIS-ZW-5	Version
Order No.	<a href="#">9457540000</a>	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4032248143290	
Qty.	1 pc(s).	