

## SAI Passive SAI-6-F 3P M8 L 5M

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



The new slim M8 line from Weidmüller. This range of products is characterised by the marking options at all connection positions. Even the 4-way distributor with 8-pole M12 has adequately large markers at all M8 connection positions. Furthermore, this distributor is shorter than many conventional M8 designs.

- Very narrow, short and flat M8 distributor.
- The range is supplied with 4 to 12 M8 connection positions, 3 or 4 poles.
- Hybrid variants of the M8 are also possible on request.
- The M8 line is equipped with transverse holes.

### General ordering data

Type	SAI-6-F 3P M8 L 5M
Order No.	<a href="#">1828700000</a>
Version	SAI Passive, Sensor-actuator passive distributor, M8, Fixed cable version, 5 m, Yes
GTIN (EAN)	4032248335343
Qty.	1 pc(s).

**SAI Passive**  
**SAI-6-F 3P M8 L 5M**

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

**Technical data**
**Dimensions and weights**

Width	24 mm	Width (inches)	0.945 inch
Height	118 mm	Height (inches)	4.646 inch
Depth	18.2 mm	Depth (inches)	0.717 inch
Net weight	420 g		

**Temperatures**

Operating temperature range, max.	80 °C	Operating temperature range, min.	-25 °C
Operating temperature, max.	80 °C	Operating temperature, min.	-25 °C
Operating temperature	-25 - 80°C	Ambient temperature	-25 °C...+70 °C

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
------------	----------------

**Connection data**

Sheathing stripping length	100 mm	Distributor outlet	Fixed cable version
----------------------------	--------	--------------------	---------------------

**Standards**

Certificate No. (cURus)	E92202
-------------------------	--------

**Electrical data**

Rated voltage , min.	10 V	Rated voltage , max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	2 A
Total current	6 A	Current per signal	1 A
Insulation resistance	10 <sup>9</sup> Ω		

**General technical data**

Protection degree	IP68	No. of poles	3
Number of contact sockets	6	Connection thread	M8
Pollution severity	3	Fire behaviour	V-0
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	Screw socket	CuZn, nickel-plated
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

**Technical data cable**

Cable length	5 m	Suitable for cable carriers	Yes
No. of poles	3		

**Data sheet**

**SAI Passive  
SAI-6-F 3P M8 L 5M**

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

**Technical data**

**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 Conform

**Downloads**

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>

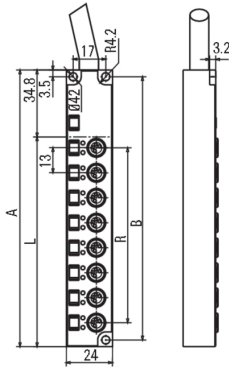
**Data sheet**

**SAI Passive  
SAI-6-F 3P M8 L 5M**

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

**Drawings**

**Dimensioned drawing**



**Wiring diagram**

