

SAI Passive SAI-8-F 3P M8 L 10M

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-8-F 3P M8 L 10M
Order No.	1828670000
Version	SAI Passive, Sensor-actuator passive distributor, M8, Fixed cable version, 10 m, Yes
GTIN (EAN)	4032248335312
Qty.	1 pc(s).

SAI Passive
SAI-8-F 3P M8 L 10M

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	144 mm	Height (inches)	5.669 inch
Depth	18.2 mm	Depth (inches)	0.717 inch
Net weight	865 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 ⁹ Ω		

General technical data

Protection degree	IP68	No. of poles	3
Number of contact sockets	8	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	10 m	Suitable for cable carriers	Yes
No. of poles	3		

Data sheet

**SAI Passive
SAI-8-F 3P M8 L 10M**

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	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S

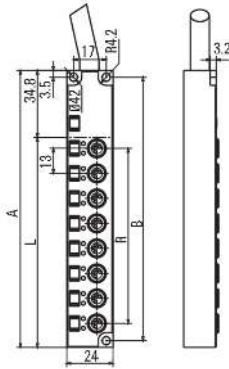
Data sheet

**SAI Passive
SAI-8-F 3P M8 L 10M**

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



Steckplätze	A	B	L	R
4	52	86	57.2	36
6	118	111	83.2	66
8	144	137	109.2	91
10	170	163	135.2	117
12	196	189	161.2	143

Wiring diagram

