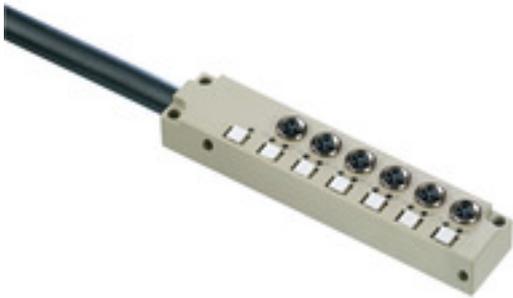


**SAI Passive**  
**SAI-6-F 3P M8 L 5M****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Similar to illustration**

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).

Creation date August 22, 2020 7:17:27 AM CEST

Catalogue status 14.08.2020 / We reserve the right to make technical changes.

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**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
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**Connection data**

Sheathing stripping length	100 mm	Distributor outlet	Fixed cable version
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**Standards**

Certificate No. (cURus)	E92202
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**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 strength	10 <sup>9</sup> Ω		

**General technical data**

Protection degree	IP68	Number 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	Nickel-plated CuZn
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
Number of poles		Wire cross section	6 x 0.34 mm <sup>2</sup> + 2 x 0.75 mm <sup>2</sup>
	3	Shielded	No
O.D.	7.2 mm	Sheathing colour	black
Sheath material	PUR	Bending radius, min., moving	10 x cable diameter
Halogen	No		
Bending cycles	2 Mio		

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**Data sheet**

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**Technical data**

**Classifications**

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

**Approvals**

Approvals



ROHS Conform

**Downloads**

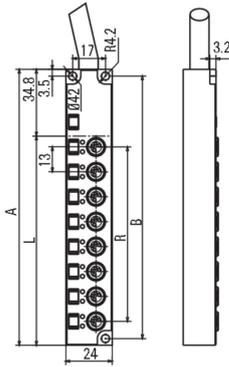
Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>

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**Drawings**

**Dimensioned drawing**



**Wiring diagram**

