

SAI Passive
SAI-6-F 3P M8 L 10M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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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 10M
Order No.	1828690000
Version	SAI Passive, Sensor-actuator passive distributor, M8, Fixed cable version, 10 m, Yes
GTIN (EAN)	4032248335336
Qty.	1 pc(s).

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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	771 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 ⁹ 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	10 m	Suitable for cable carriers	Yes
Number of poles	3	Wire cross section	6 x 0.34 mm ² + 2 x 0.75 mm ²
O.D.	7.2 mm	Shielded	No
Sheath material	PUR	Sheathing colour	black
Halogen	No	Bending radius, min., moving	10 x cable diameter
Bending cycles	2 Mio		

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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

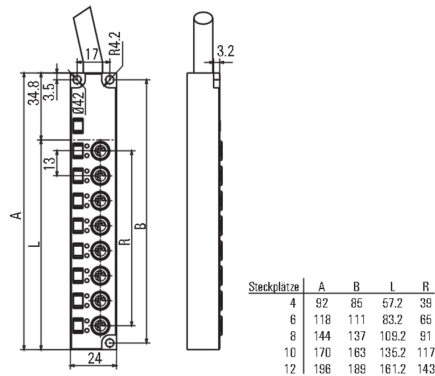
Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	WSCAD
Engineering Data	STEP

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Drawings

Dimensioned drawing



Wiring diagram

