

SAI-8-M16 3P M8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	SAI Passive, Sensor-actuator passive distributor, M8, with M16 outlet, 12-pole, Yes
Order No.	1795900000
Type	SAI-8-M16 3P M8
GTIN (EAN)	4032248235155
Qty.	1 pc(s).

Creation date March 25, 2021 10:20:30 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	24 mm	Height (inches)	0.945 inch
Net weight	162 g	Width	48 mm
Width (inches)	1.89 inch		

Temperatures

Operating temperature	-20 - 90°C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Distributor outlet	with M16 outlet, 12-pole
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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	8 A	Current per signal	2 A
Insulation strength	10 ⁹ Ω		

General technical data

Protection degree	IP68	Number 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	Nickel-plated CuZn
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

Technical data cable

Number of poles	3	Suitable for cable carriers	No
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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	ECLASS 11.0	27-44-01-11

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Technical data

Approvals

Approvals



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Engineering Data

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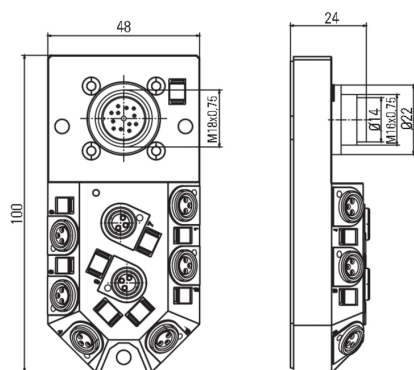
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Drawings

Dimensioned drawing



Wiring diagram

