

SAI-8-F 4P M8 PUR 5M**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, Fixed cable version, 5 m, Yes
Order No.	1784580000
Type	SAI-8-F 4P M8 PUR 5M
GTIN (EAN)	4032248191291
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2022-09-30
Alternative product	1828620000

Creation date September 16, 2022 11:12:48 AM CEST

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Technical data

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	27 mm	Height (inches)	1.063 inch
Width	48 mm	Width (inches)	1.89 inch
Net weight	690 g		

Temperatures

Operating temperature	-20 - 80°C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Distributor outlet	Fixed cable version
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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
Electrical isolation available	Yes	Insulation strength	10 ⁹ Ω

General technical data

Protection degree	IP68	Number of poles	4
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

Material O-Ring	FKM	Housing main material	PBT
Material of distributor	Plastic	Housing colour	black (similar to RAL 9005)
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Colour coding	blue, brown, yellow, Yellow / brown, grey, grey / brown, grey / pink, green, pink, red, red / blue, black, violet, white, white / yellow, white / grey, white / green, brown / green	Halogen	No
Number of poles	4	O.D.	8.5 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Wire cross section (Print/Online)	16 x 0.34 mm ² + 2 x 0.75 mm ²
Cable length	5 m	Suitable for cable carriers	Yes

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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ECLASS 9.0	27-44-01-08
ECLASS 9.1	27-44-01-08	ECLASS 10.0	27-44-01-08
ECLASS 11.0	27-44-01-08	ECLASS 12.0	27-44-01-08

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Engineering Data	WSCAD
Product Change Notification	20211208 Technical change to SAI M8 Line Distribution Boxes 20211208 Technische Änderung zu SAI M8 Line Verteiler
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN