

SAI-4-F 3P M8 PUR 10M**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	Fixed cable version, M8, 30 V, , LED: Yes, LED initiator: Yes, Wiring type: , 10 m
Order No.	1784630000
Type	SAI-4-F 3P M8 PUR 10M
GTIN (EAN)	4032248191444
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2022-09-30
Alternative product	1828710000

Creation date May 7, 2024 10:08:40 AM CEST

Catalogue status 04.05.2024 / 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	27 mm	Height (inches)	1.063 inch
Width	48 mm	Width (inches)	1.89 inch
Net weight	684 g		

Temperatures

Operating temperature	-20 - 80°C
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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	3
Number of contact sockets	4	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	1 mill.	Bending radius, min., moving	10 x cable diameter
Colour coding	white, green, grey, yellow, blue, brown	Halogen	No
Number of poles	3	O.D.	6.6 mm
Sheath material	PUR	Sheathing colour	black
Shielded	No	Wire cross section (Print/Online)	4 x 0.34 mm ² + 2 x 0.75 mm ²
Cable length	10 m	Suitable for cable carriers	Yes

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
ETIM 8.0	EC002585	ETIM 9.0	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	ECLASS 13.0	27-44-01-08

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www.weidmueller.com**Technical data****Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
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

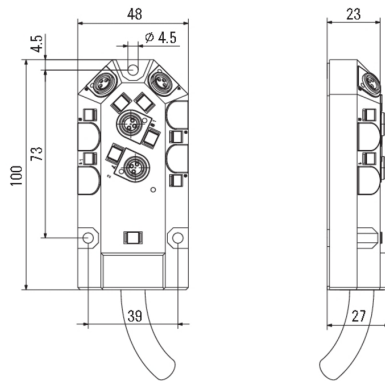
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Drawings

Dimensioned drawing



Wiring diagram



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Accessories

Blank



MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	MFF 10/6 MC NE WS	Version
Order No.	1856780000	MultiFit, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Festo,
GTIN (EAN)	4032248400881	white
Qty.	600 pc(s).	

M8



Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK M8	Version
Order No.	1802760000	Protected component assemblies, Protective cap
GTIN (EAN)	4032248257379	
Qty.	50 pc(s).	

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www.weidmueller.com**Accessories****Screwty® cable gland tool with torque function****The ideal tool for any application**

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version		Packaging	
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors		Cardboard	
GTIN (EAN)	4032248436859			box	
Qty.	1 pc(s).				