SAI-8-M23 4P 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	with M23 outlet, 19-pole, M8, 30 V, , LED: Yes, LED initiator: Yes, Wiring type:
Order No.	1784650000
Type	SAI-8-M23 4P M8
GTIN (EAN)	4032248191468
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2022-09-30

Creation date May 6, 2024 12:57:26 AM CEST

SAI-8-M23 4P M8

Technical data

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	31.3 mm	Height (inches)	1.232 inch
Width	48 mm	Width (inches)	1.89 inch
Net weight	180 g		

Temperatures

Operating temperature	-20 - 90°C

Connection data

Sheathing stripping length	100 mm	Cable glands	M 20
Distributor outlet	with M23 outlet, 19-pole		

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	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

Number of poles	4	Suitable for cable carriers	No

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	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
ECLASS 12.0	27-44-01-11	ECLASS 13.0	27-44-01-11

Environmental Product Compliance

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

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Technical data

Approvals

Approvals	

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

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN

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Drawings

Dimensioned drawing
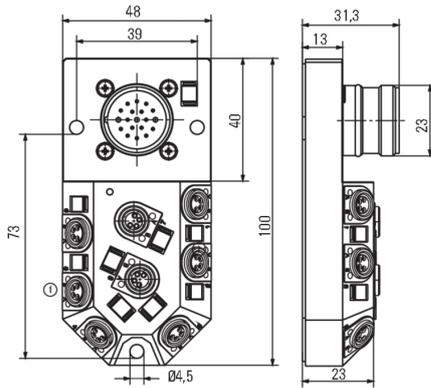
Wiring diagram
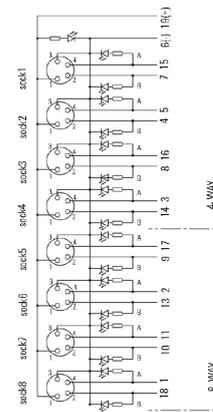

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Accessories

Blank

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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	DEK 5/5 MC NE WS	Version	
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190397111	Weidmueller, white	
Qty.	1,000 pc(s).		

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).		

Creation date May 6, 2024 12:57:26 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Weidmüller

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Accessories

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).		

Creation date May 6, 2024 12:57:26 AM CEST