

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com













Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Version	Sensor/actuator line, Connecting line, M8 / M8, Number of poles: 3, 10 m, pin, 90° - socket 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1927211000</u>
Туре	SAIL-M8WM8W-3-10V
GTIN (EAN)	4032248575367
Qty.	1 pc(s).



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Technical data

Dimensions and weights			
Net weight	291 g		
Technical specifications for c	able		
Calala la math	10	Calaura andina	harring blood bloods
Cable length	10 m No	Colour coding Core cross-section	brown, blue, black 0.25 mm ²
Configurable cable length Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No No	Number of poles	3
Outer cladding in accordance with UL	NO	Outside diameter	ა
AWM style	2464 (80 °C / 300 V)	Outside diameter	4.5 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-580 °C
Temperature range, stationary	-3080 °C	Torsion resistance	0 °/m
Welding spark resistance	No		,
General technical data			
Coding	A-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Rated current	4 A
Rated voltage	60 V	Temperature range of housing	-25+85 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, 90° - socket 90°	jumpered	No
Electrical properties			
Insulation strength	108.0	Rated voltage	2011
	10 ⁸ Ω	nateu voitage	60 V
General standards			
Certificate no. (cULus)	E307231	Connector standard	IEC 61076-2-104
Standards			
Connector standard	IEC 61076-2-104		
Plug, left			
Plug left	M8, IP69, male contact, angled 90°, Plastic, un- shielded		
Plug, right			
Plug right	M8, IP69, female contact,		
J	angled 90°, Plastic, un- shielded		



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Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Approvals

Approvals



Approvals MAMID	MAMID https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://	
	mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/	
ROHS	Conform	
UL File Number Search	UL Website	
Certificate no. (cULus)	E307231	

Downloads

Catalogues	Catalogues in PDF-format	
Brochures	FL FIELDWIRING EN	_
	<u>FL FIELDWIRING EN</u>	



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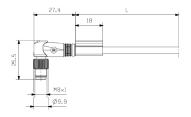
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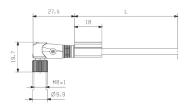
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Drawings

Dimensioned drawing

Dimensioned drawing



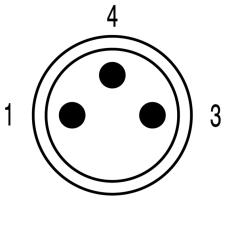


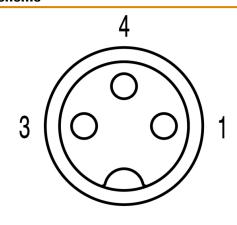
Angled socket

Male, angled

Pole scheme

Pole scheme



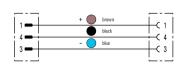


Male

Socket

Wiring diagram

The ideal tool: Screwty [®] with torque function





Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F



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Accessories

Blank



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Preattachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

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

Туре	TM-I 18 MC NE WS	Version
Order No.	<u>1718431044</u>	TM-I, Insert markers, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	
_		
Type	TM-I 18 MC NE GE	Version
Type Order No.	TM-I 18 MC NE GE 1718431687	Version TM-I, Insert markers, 18 x 4 mm, yellow
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Accessories

Tools



- · Stripping tools with automatic self-adjustment
- For flexible and solid conductors
- · Ideally suitable for mechanical and plant engineering, railway and rail traffic, wind energy, robot technology, explosion protection as well as marine, offshore and ship building sectors
- · Stripping length adjustable via end stop
- · Automatic opening of clamping jaws after stripping
- No fanning-out of individual conductors
- Adjustable to diverse insulation thicknesses
- Double-insulated cables in two process steps without special adjustment
- No play in self-adjusting cutting unit
- Long service life
- · Optimised ergonomic design

General ordering data

STRIPPER 6-16 RED-LINE Туре Order No.

9203110000

GTIN (EAN) 4032248541423

1 nc(s)

Version

Stripping and cutting tool

Cutting tools

Qty.



Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

General ordering data

Туре Order No. 9002650000

4008190020163 GTIN (EAN)

Qty. 1 pc(s). Cutting tools, Cutting tool for one-hand operation



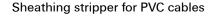
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Accessories

Tools





General ordering data

Type AM 12
Order No. 9030060000
GTIN (EAN) 4008190337827
Oty. 1 pc(s).

Version

Tools, Sheathing strippers

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

Туре	SCREWTY-M8-DM	Version	Packaging
Order No.	<u>1900011000</u>	Cable gland tool for moulded M8 cables	Cardboard
GTIN (EAN)	4032248436811		box
Qty.	1 pc(s).		
Туре	SAI-SCREWTY BOX	Version	Packaging
Order No.	<u>1939180000</u>	Bolting tool	Plastic case
GTIN (EAN)	4032248615506		+ form
Qty.	1 pc(s).		insert