



Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com



General ordering data

Version	Sensor/actuator line, One end without connector, M12, Number of poles: 4, 15 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: Polyolefine, molecularly interlinked, Halogen: No, halogen-free, according to IEC 60754
Order No.	<u>3174371500</u>
Туре	SAIL-M12BG-4S15LBSN0.5
GTIN (EAN)	4099987887205
Qty.	1 items





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Technical data

Net weight	1200 g			
Technical specifications fo	or cable			
Cable length	15 m	Sheathing colour	black	
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	No	
Core cross-section	0.5 mm ²	Shielded	Yes	
Halogen	No, halogen-free, according to IEC 60754	Insulation	Polyolefin	
Resistance to spread of flame	According to EN 45545, HL1 - HL3, According to NFPA 130	Sheath material	Polyolefine, molecularly interlinked	
Configurable cable length	No	Hybrid cable	No	
Irradiation crosslinked	Yes	Torsion resistance	360 °/m	
Temperature range, stationary	-40125 °C	Resistant to welding beads	No	
Number of poles	4	Outside diameter	5.7 mm ± 0.2 mm	
General technical data				
Coding	A-coded	Connection thread	M12	
Contact surface	Gold-plated	LED	No	
Version	Female socket, straight	Housing main material	PUR	
Contact material	CuZn35PB2	Nominal voltage	250 V	
Nominal current	4 A	Protection degree	IP65, IP66, IP67, IP68, when screwed in	
Temperature range of housing	-25+80 °C			
Standards				
Connector standard	IEC 61076-2-101			
Plug, left			1	
Plug left	connector, M12, A-coded, Number of poles: 4, female contact, straight, shielded			
Plug, right				
Plug right	free conductor end			
Classifications				
			5 0001655	
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 27-06-03-11	ECLASS 14.0	27-06-03-11	
ECLASS 15.0	27-00-03-11			

Creation date 05.11.2025 03:19:27 MEZ



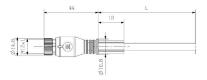
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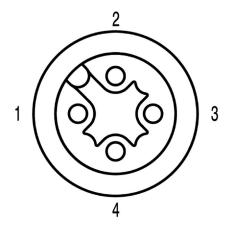
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Drawings

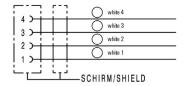
Dimensioned drawing



Pole scheme



Wiring diagram







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Drawings

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

Cutting tools



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

 Type
 KT 8
 Version

 Order No.
 9002650000
 Cutting tools, Cutting tool for one-hand operation

 GTIN (EAN)
 4008190020163

Tools

Qty.



Sheathing stripper for PVC cables

General ordering data

Type AM 12 Version
Order No. 9030060000 Tools, Sheathing strippers
GTIN (EAN) 4008190337827
Oty. 1 ST

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.



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Accessories

General ordering data

Type	SCREWTY-M12-DM	Version
Order No.	<u>1900001000</u>	Cable gland tool for moulded M12 lines
GTIN (EAN)	4032248436408	
Qty.	1 ST	
Туре	SAI-SCREWTY BOX	Version
Type Order No.	SAI-SCREWTY BOX 1939180000	Version Bolting tool

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

Туре	STRIPPER 6-16 RED-LINE	Version
Order No.	9203110000	Stripping and cutting tool
GTIN (EAN)	4032248541423	
Qty.	1 ST	

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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, 1.5 - 22 mm, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 ST	
Туре	TM-I 18 MC NE GE	Version
Order No.	<u>1718431687</u>	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, yellow
GTIN (EAN)	4008190349028	
Qty.	320 ST	