



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com



General ordering data

| Version | Sensor/actuator line, Connecting line, M12, Number of poles: 5, 5 m, pin, straight - socket, 90°, Shielded: Yes, LED: No, Sheath material: Polyolefine, molecularly interlinked, Halogen: No, halogen-free, according to IEC 60754 |
|------------|--|
| Order No. | <u>3174410500</u> |
| Туре | SAIL-M12GM12W-5S5.0LBSN0.5 |
| GTIN (EAN) | 4099987887151 |
| Qty. | 1 items |





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

| Net weight | 450 g | | |
|-------------------------------|---|------------------------------|--|
| Technical specifications fo | or cable | | |
| Cable length | 5 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 | 5 | Outside diameter | 6.1 mm ± 0.2 mm |
| General technical data | | | |
| Coding | A-coded | Connection thread | M12 |
| Coding Contact surface | Gold-plated | LED | No |
| Version | pin, straight - socket, 90° | Housing main material | PUR |
| Contact material | CuZn35PB2 | Nominal voltage | 60 V |
| Nominal current | 4 A | Protection degree | IP65, IP66, IP67, IP68, when screwed in |
| Threaded ring material | Nickel-plated CuZn | Temperature range of housing | -25+80 °C |
| Standards | | | |
| Connector standard | IEC 61076-2-101 | | |
| | 120 01070 2-101 | | |
| Plug, left | | | |
| Plug left | connector, M12, A-coded, Number of poles: 5, male contact, straight, shielded | | |
| Plug, right | | | |
| Plug right | connector, M12, A-coded, Number of poles: 5, female contact, angled 0°, shielded | | |
| Classifications | | | |
| ETIM 0.0 | 50004055 | ETIM 7.0 | F0004055 |
| 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 ECLASS 11.0 | 27-06-03-11 27-06-03-11 | ECLASS 10.0 ECLASS 12.0 | 27-06-03-11 27-06-03-11 |
| ECLASS 11.0 ECLASS 13.0 | 27-06-03-11 | ECLASS 12.0 ECLASS 14.0 | 27-06-03-11 |
| | | EULTUU IT.U | 21 00 00 II |

Creation date 09.11.2025 10:58:29 MEZ



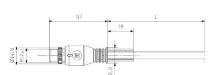
Weidmüller Interface GmbH & Co. KG

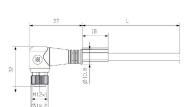
Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

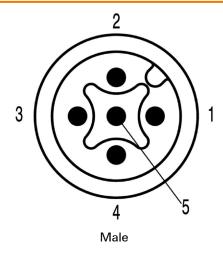
Drawings

Dimensioned drawing



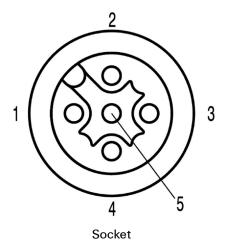


Pole scheme

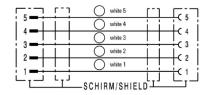


Pole scheme

Dimensioned drawing



Wiring diagram







Weidmüller Interface GmbH & Co. KG

4

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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

 Qty.
 1 ST

Tools



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.





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

General ordering data

| Type | SCREWTY-M12-DM | Version |
|-------------------|-------------------------------|--|
| Order No. | 1900001000 | 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

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

Creation date 09.11.2025 10:58:29 MEZ





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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 | |

Creation date 09.11.2025 10:58:29 MEZ