

SAIL-M12GM12G-CD-3.0B

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

General ordering data

| | |
|------------|---|
| Version | Bus line, Connecting line, M12 / M12, Number of poles: 5, 3 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No. | 1060130300 |
| Type | SAIL-M12GM12G-CD-3.0B |
| GTIN (EAN) | 4032248809059 |
| Qty. | 1 pc(s). |

Creation date January 20, 2022 12:35:12 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 220 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

| | | | |
|--|---|----------------------------------|-------------------------|
| Acceleration | 5 m/s ² | Bending cycles | 3 Mio |
| Bending radius, min., moving | 10 x cable diameter | Bending radius, min., stationary | 5 x cable diameter |
| Cable length | 3 m | Colour coding | white, blue, red, black |
| Configurable cable length | No | Halogen | Yes |
| Hybrid cable | No | Insulation | PVC |
| Irradiation crosslinked | No | Number of poles | 5 |
| Outer cladding in accordance with UL AWM style | 2571 (80 °C) | Outside diameter | 7 mm ± 0.3 mm |
| Resistant to welding beads | No | Sheath material | PVC |
| Sheathing colour | black | Shielded | Yes |
| Speed | 180 m/min | Suitable for cable carriers | No |
| Temperature range, moving | -10...80 °C | Temperature range, stationary | -40...80 °C |
| Wire cross section (Print/Online) | 2 x 0.34 mm ² + 2 x 0.22 mm ² | | |

General technical data

| | | | |
|------------------------|----------------------------------|------------------------------|-------------------|
| Coding | A | Connection thread | M12 / M12 |
| Contact surface | Gold-plated | Housing main material | PUR |
| Insulation strength | 10 ⁸ Ω | LED | No |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Protection degree | IP67 | Rated current | 4 A |
| Rated voltage | 125 V | Temperature range of housing | -25...+80 °C |
| Threaded ring material | Brass, nickel-plated | Tightening torque | M12: 0.8 - 1.2 Nm |
| Version | pin, straight - socket, straight | jumpered | No |

Electrical propertiesInsulation strength 10⁸ Ω Rated voltage 125 V**General standards**

Certificate no. (cULus) E307231

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ECLASS 9.0 | 27-06-03-08 |
| ECLASS 9.1 | 27-06-03-08 | ECLASS 10.0 | 27-06-03-08 |
| ECLASS 11.0 | 27-06-03-08 | | |

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Technical data**Approvals**

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E307231 |

Downloads

| | |
|------------------|--|
| Engineering Data | EPLAN, WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |

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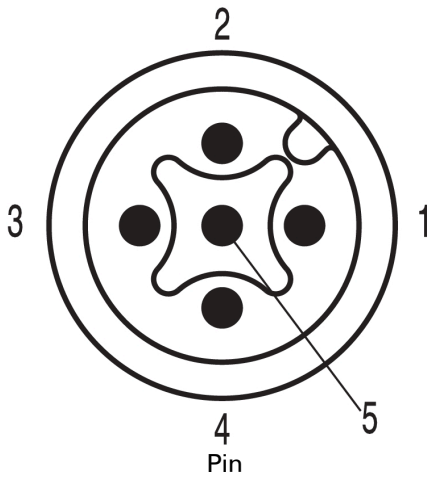
Drawings

Dimensioned drawing

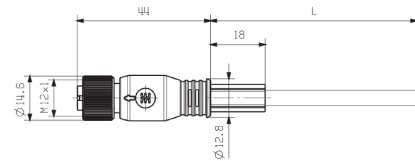


Male, straight

Pole scheme

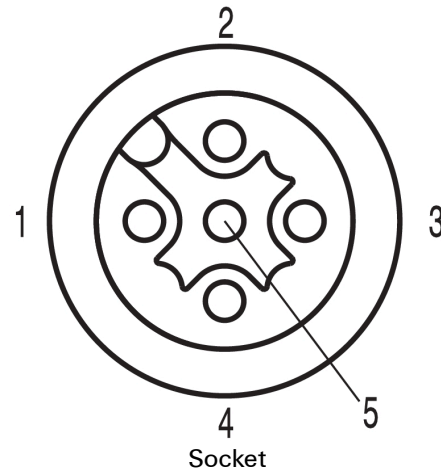


Dimensioned drawing

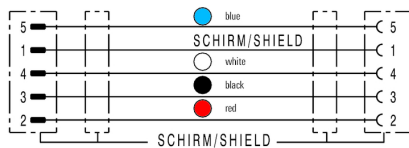


Straight socket

Pole scheme



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

Mouser Electronics

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