

SAIL-M12GM12W-CD-3.0A**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, 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1061990300 |
| Type | SAIL-M12GM12W-CD-3.0A |
| GTIN (EAN) | 4032248811700 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | |
|------------|-------|
| Net weight | 222 g |
|------------|-------|

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 | No |
| Hybrid cable | No | Insulation | TPE |
| Irradiation crosslinked | No | Number of poles | 5 |
| Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) | Outside diameter | 7 mm ± 0.3 mm |
| Resistant to welding beads | No | Sheath material | PUR |
| Sheathing colour | violet | Shielded | Yes |
| Speed | 180 m/s | Suitable for cable carriers | Yes |
| Temperature range, moving | -10...80 °C | Temperature range, stationary | -40...80 °C |
| Welding spark resistance | No | Wire cross section (Print/Online) | 2 x 0.34 mm ² + 2 x 0.22 mm ² |

General technical data

| | | | |
|------------------------|---------------------------------|------------------------------|-------------------|
| Coding | A-coded | Connection thread | M12 / M12 |
| Contact material | Ni/Au | Contact surface | Gold-plated |
| Housing main material | PUR | 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, 90°deg; | jumpered | No |

Electrical properties

| | |
|---------------|-------|
| Rated voltage | 125 V |
|---------------|-------|

General standards

| | |
|-------------------------|---------|
| Certificate no. (cULus) | E307231 |
|-------------------------|---------|

Plug, left

| | |
|-----------|---|
| Plug left | M12, A-coded, IP67, male contact, straight, Plastic, shielded |
|-----------|---|

Plug, right

| | |
|------------|---|
| Plug right | M12, A-coded, IP67, female contact, angled 90°, Plastic, shielded |
|------------|---|

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| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ETIM 9.0 | 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 |
| ECLASS 12.0 | 27-06-03-08 | ECLASS 13.0 | 27-06-03-08 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 1c533b66-fcff-4da5-b89f-fd55fbf5cb55 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E307231 |

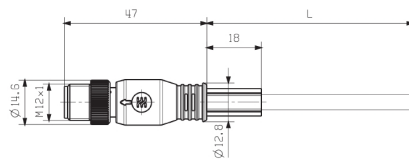
Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20221115 Technical change to CANopenDeviceNet cord sets and cables 20221115 Technische Änderung zu CANopenDeviceNet Leitungen |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |

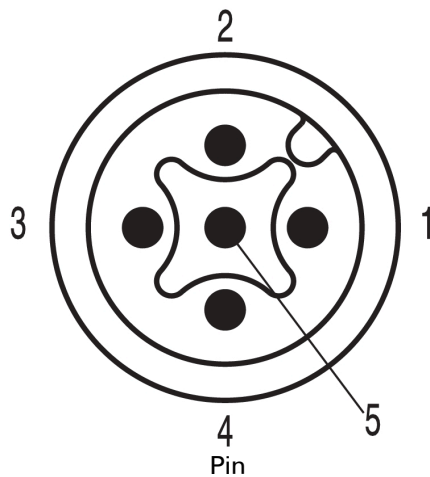
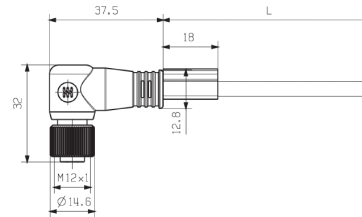
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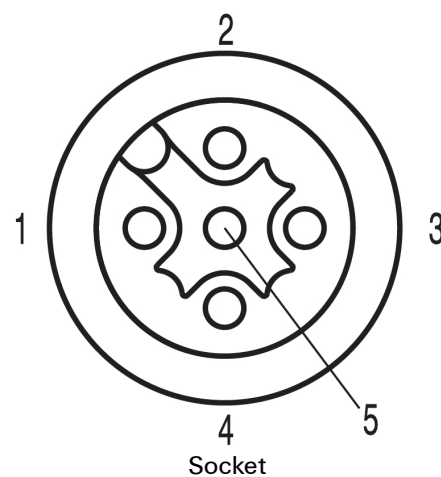
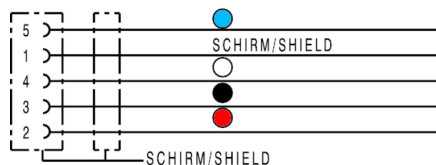
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Drawings
Dimensioned drawing


Male, straight

Pole scheme

Dimensioned drawing


Socket angled

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