

SAIL-M12GM12G-CD-20A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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

| | |
|------------|---|
| Type | SAIL-M12GM12G-CD-20A |
| Order No. | 1964712000 |
| Version | Bus line, Connecting line, M12 / M12, Number of poles: 5, 20 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4050118593938 |
| Qty. | 1 pc(s). |

Creation date May 3, 2020 5:44:37 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 1,000 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

| | | | |
|--|-------------------------|-------------------------------|---|
| Number of poles | 5 | Wire cross section | 2 x 0.34 mm ² + 2 x 0.22 mm ² |
| Outside diameter | 7 mm ± 0.3 mm | Cable length | 20 m |
| Shielded | Yes | Insulation | TPE |
| Colour coding | white, blue, red, black | Sheath material | PUR |
| Sheathing colour | black | Halogen | No |
| Temperature range, moving | -10...80 °C | Temperature range, stationary | -40...80 °C |
| Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) | Suitable for cable carriers | Yes |
| Bending radius, min., stationary | 5 x cable diameter | Bending radius, min., moving | 10 x cable diameter |
| Acceleration | 5 m/s ² | Speed | 180 m/min |
| Bending cycles | 3 Mio | Resistant to welding beads | No |
| Hybrid cable | No | Irradiation crosslinked | No |
| Configurable cable length | No | | |

General technical data

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

Standards

Certificate no. (cULus) E307231

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC001855 | ETIM 7.0 | EC001855 |
| eClass 9.0 | 27-06-03-11 | eClass 9.1 | 27-06-03-11 |
| eClass 10.0 | 27-06-03-11 | | |

Approvals

Approvals



ROHS

Conform

Creation date May 3, 2020 5:44:37 AM CEST

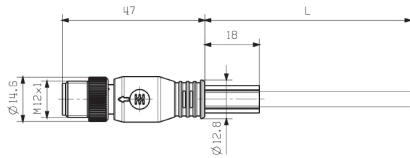
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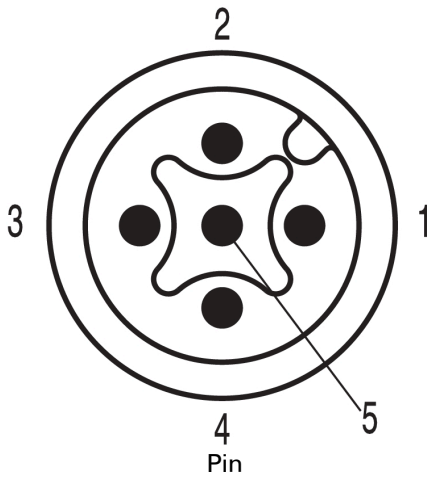
Drawings

Dimensioned drawing

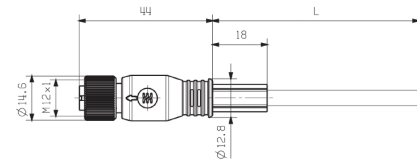


Male, straight

Pole scheme

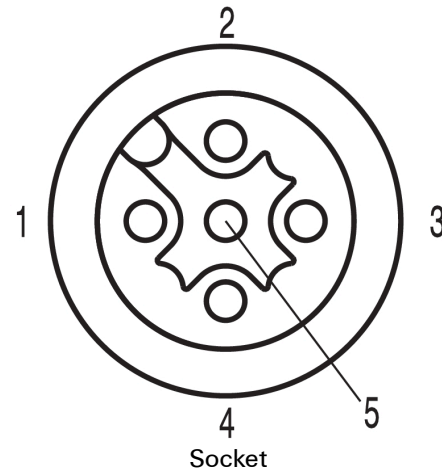


Dimensioned drawing

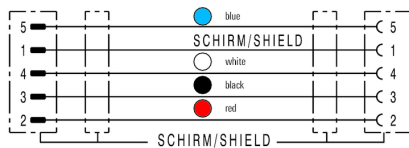


Straight socket

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