

SAIL-M12BG-CD-3.0B**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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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-M12BG-CD-3.0B |
| Order No. | 1060120300 |
| Version | Bus line, One end without connector, M12, No. of poles: 5, 3 m, Female socket, straight, shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4032248809011 |
| Qty. | 1 pc(s). |

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Technische Daten

Dimensions and weights

Net weight 120 g

Technical specifications for cable

| | | | |
|-------------------------------------|-------------------------|-------------------------------------|---|
| No. of poles | 5 | Wire cross section | 2 x 0.34 mm ² + 2 x 0.22 mm ² |
| shielded | Yes | Insulation | PVC |
| Colour coding | White, Blue, Red, Black | Sheath material | PVC |
| Sheathing colour | Black | Outer diameter | 7.0 ± 0.3 mm |
| Cable length | 3 m | Temperature range, moving, min. | -10 °C |
| Temperature range, moving, max. | 80 °C | Temperature range, stationary, min. | -40 °C |
| Temperature range, stationary, max. | 80 °C | Halogen | Yes |
| Suitable for cable carriers | No | Torsion resistance | 0 °/m |
| 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 |
| Resistant to welding beads | No | | |

General technical data

| | | | |
|-----------------------|-------------------------|------------------------------|----------------------|
| Version | Female socket, straight | Contact tube diameter | M12 |
| Housing main material | PUR | Threaded ring material | Brass, nickel-plated |
| Coding | A | Protection degree | IP 67 |
| Contact surface | Gold-plated | LED | No |
| Rated voltage | 125 V | Rated current | 4 A |
| Insulation resistance | 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 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001855 | eClass 5.1 | 27-06-91-90 |
| eClass 6.2 | 27-06-03-07 | eClass 7.1 | 27-06-03-07 |

Approvals

Approvals



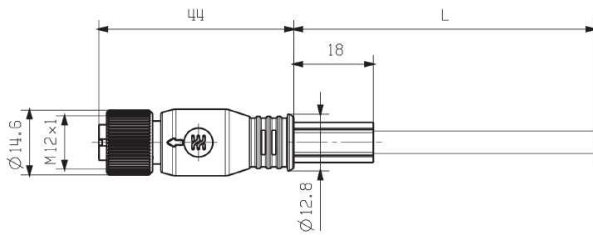
ROHS Conform

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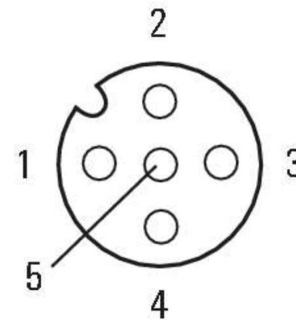
Zeichnungen

Dimensioned drawing



Socket

Pole scheme



Socket

Circuit diagram

The ideal tool, the 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