

SAIL-M12BG-CD-1.5B**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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-1.5B |
| Order No. | 1060120150 |
| Version | Bus line, One end without connector, M12, No. of poles: 5, 1.5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4032248808908 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

Net weight 117 g

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 ± 0.3 mm | Shielded | Yes |
| Insulation | PVC | Colour coding | white, blue, red, black |
| Sheath material | PVC | Sheathing colour | Black |
| Cable length | 1.5 m | Temperature range, moving | -10...80 °C |
| Temperature range, stationary | -40...80 °C | Halogen | Yes |
| Suitable for cable carriers | No | 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 | | |

General technical data

| | | | |
|-----------------------|-------------------------|------------------------------|----------------------|
| Version | Female socket, straight | connection thread | 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 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 |

Standards

Certificate no. (cULus) E307231

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001855 | ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 | ETIM 6.0 | EC002599 |
| eClass 5.1 | 27-06-91-90 | eClass 6.2 | 27-06-03-07 |
| eClass 7.1 | 27-06-03-07 | eClass 8.1 | 27-06-03-07 |
| eClass 9.0 | 27-06-03-07 | eClass 9.1 | 27-06-03-08 |

Product information

| | |
|---------------------------------|--|
| Descriptive text ordering data | Other versions on request |
| Descriptive text technical data | Chapter W includes additional technical specifications for the cable |

Approvals

Approvals



ROHS Conform

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Technical data**Downloads**

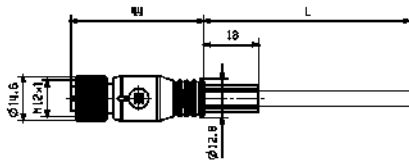
| | |
|--------------------|---|
| Brochure/Catalogue | CAT 8 SAI 15/16 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD |

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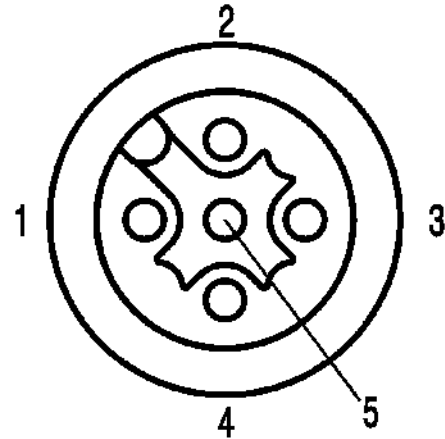
Drawings

Dimensioned drawing



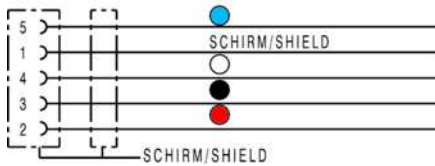
Socket

Pole scheme



Socket

Wiring 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