

SAIL-M8BG-4S5.0UIE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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-M8BG-4S5.0UIE |
| Order No. | 1301370500 |
| Version | Bus line, One end without connector, M8, Number of poles: 4, 5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4050118111231 |
| Qty. | 1 pc(s). |

Creation date May 3, 2020 12:30:11 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 158 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

| | | | |
|-------------------------------|---|--|----------------------|
| Number of poles | 4 | Core cross-section | 0.15 mm ² |
| Outside diameter | 4.8 mm ± 0.3 mm | Cable length | 5 m |
| Shielded | Yes | Insulation | PP |
| Colour coding | blue, orange, white / blue, white / orange | Sheath material | PUR |
| Sheathing colour | green | Halogen | No |
| Temperature range, stationary | -40...80 °C | Outer cladding in accordance with UL AWM style | 20963 (80 °C / 30 V) |
| Suitable for cable carriers | Yes | Bending radius, min., stationary | 4 x cable diameter |
| Bending radius, min., moving | 7.5 x cable diameter | Acceleration | 5 m/s ² |
| Speed | 180 m/min | Bending cycles | 5 Mio |
| Resistant to welding beads | No | Hybrid cable | No |
| Irradiation crosslinked | No | Configurable cable length | No |

General technical data

| | | | |
|-----------------------|-------------------------|------------------------------|----------------------|
| Version | Female socket, straight | Connection thread | M8 |
| Housing main material | PUR | Threaded ring material | Brass, nickel-plated |
| Coding | none | Protection degree | IP67 |
| Contact surface | Gold-plated | LED | No |
| Rated voltage | 30 V | Rated current | 4 A |
| Insulation strength | 10 ⁸ Ω | Temperature range of housing | -25...+80 °C |
| Tightening torque | M8: 0.5 - 0.6 Nm | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | jumpered | No |

Standards

Certificate no. (cULus) E307231

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| eClass 9.0 | 27-06-03-08 | eClass 9.1 | 27-06-03-08 |
| eClass 10.0 | 27-06-03-08 | | |

Approvals

Approvals



ROHS Conform

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Technical data**Downloads**

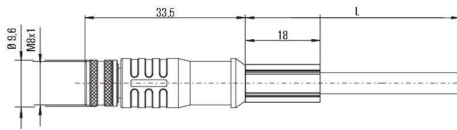
| | |
|--------------------|-----------------------------------|
| Brochure/Catalogue | FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD |

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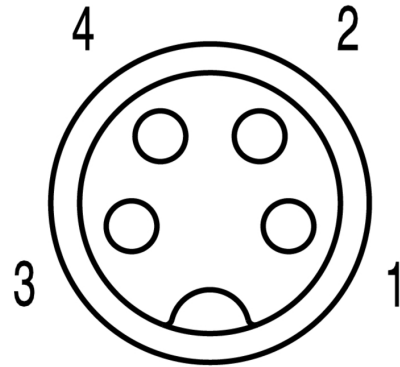
Drawings

Dimensioned drawing



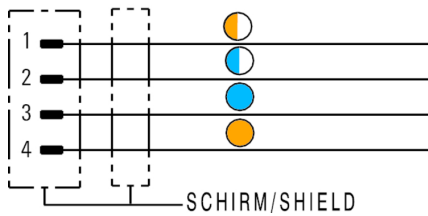
Pin

Pole scheme



Socket

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