

SAIL-M8GM8G-4S1.0UIE

Weidmüller Interface GmbH & Co. KG

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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-M8GM8G-4S1.0UIE |
| Order No. | 1296770100 |
| Version | Bus line, Connecting line, M8 / M8, No. of poles: 4, 1 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4050118111040 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

Net weight 42 g

Technical specifications for cable

| | | | |
|----------------------------------|--------------------|-------------------------------|--|
| Number of poles | 4 | Core cross-section | 0.15 mm ² |
| Outside diameter | 4.8 ± 0.3 mm | Shielded | Yes |
| Insulation | PP | Colour coding | blue, orange, white / blue, white / orange |
| Sheath material | PUR | Sheathing colour | Green |
| Cable length | 1 m | Temperature range, stationary | -40...80 °C |
| Halogen | No | 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 |

General technical data

| | | | |
|-----------------------|----------------------------------|------------------------------|----------------------|
| Version | pin, straight - socket, straight | connection thread | M8 / 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 resistance | 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 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC002599 | eClass 6.2 | 27-06-91-90 |
| eClass 7.1 | 27-06-91-90 | eClass 8.1 | 27-06-91-90 |
| eClass 9.0 | 27-06-91-90 | eClass 9.1 | 27-06-03-08 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|--------------------|-----------------------------------|
| Brochure/Catalogue | FL FIELDWIRING EN |
| Engineering Data | EPLAN_WSCAD |

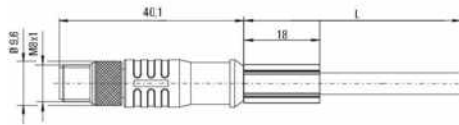
Data sheet

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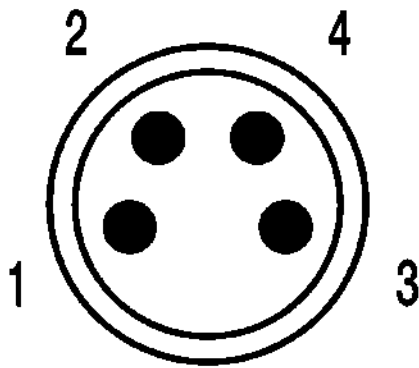
Drawings

Dimensioned drawing



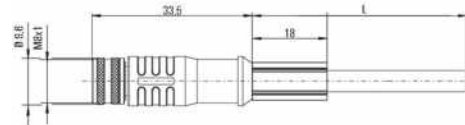
Male, straight

Pole scheme



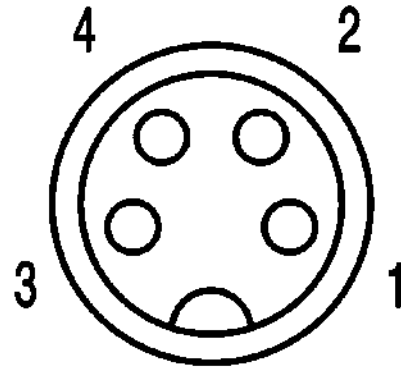
Pin

Dimensioned drawing



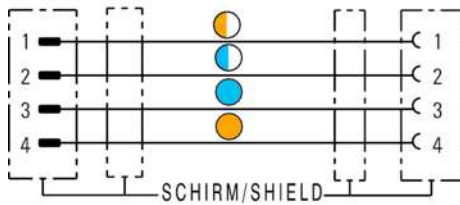
Straight socket

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