

SAIL-M12GM8SG-4S10UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

| | |
|------------|---|
| Version | Bus line, Connecting line, M12 / M8, Number of poles: 4, 10 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 1296791000 |
| Type | SAIL-M12GM8SG-4S10UIE |
| GTIN (EAN) | 4050118110784 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | |
|------------|-------|
| Net weight | 317 g |
|------------|-------|

Technical specifications for cable

| | | | |
|------------------------------|----------------------|--|--|
| Acceleration | 5 m/s ² | Bending cycles | 5 Mio |
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Cable length | 10 m | Colour coding | blue, orange, white / blue, white / orange |
| Configurable cable length | No | Core cross-section | 0.15 mm ² |
| Halogen | No | Hybrid cable | No |
| Insulation | PP | Irradiation crosslinked | No |
| Number of poles | 4 | Outer cladding in accordance with UL AWM style | 20963 (80 °C / 30 V) |
| Outside diameter | 4.8 mm ± 0.3 mm | Resistant to welding beads | No |
| Sheath material | PUR | Sheathing colour | green |
| Shielded | Yes | Speed | 180 m/s |
| Suitable for cable carriers | Yes | Temperature range, stationary | -40...80 °C |
| Welding spark resistance | No | | |

General technical data

| | | | |
|------------------------|---------------------------------|------------------------------|-------------------------------------|
| Connection thread | M12 / M8 | Contact surface | Gold-plated |
| Housing main material | PUR | LED | No |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Protection degree | IP67 | Rated current | 4 A |
| Rated voltage | 30 V | Temperature range of housing | -25...+80 °C |
| Threaded ring material | Brass, nickel-plated | Tightening torque | M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm |
| Version | Male, straight - male, straight | jumpered | No |

Electrical properties

| | |
|---------------|------|
| Rated voltage | 30 V |
|---------------|------|

Plug, left

| | |
|-----------|--|
| Plug left | M12, IP67, male contact, straight, Plastic, shielded |
|-----------|--|

Plug, right

| | |
|------------|---|
| Plug right | M8, IP67, male contact, straight, Plastic, shielded |
|------------|---|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ETIM 9.0 | EC002599 |
| ECLASS 9.0 | 27-06-03-08 | ECLASS 9.1 | 27-06-03-08 |
| ECLASS 10.0 | 27-06-03-08 | ECLASS 11.0 | 27-06-03-08 |
| ECLASS 12.0 | 27-06-03-08 | ECLASS 13.0 | 27-06-03-08 |

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| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | e8d8af70-4c85-4483-bc8c-9bc5b598e2a9 |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|------------|--|
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN |

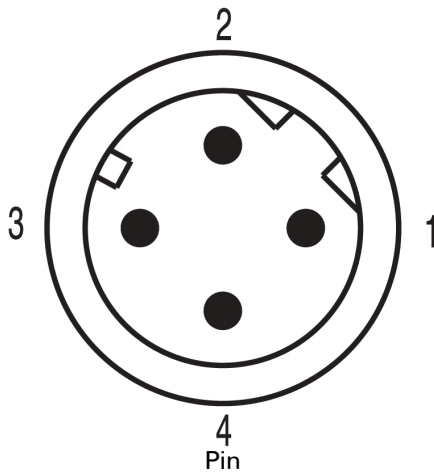
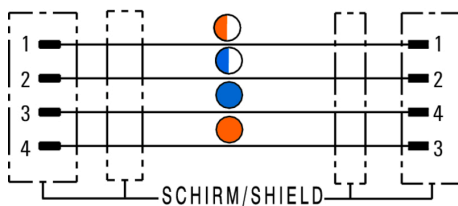
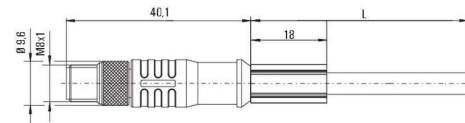
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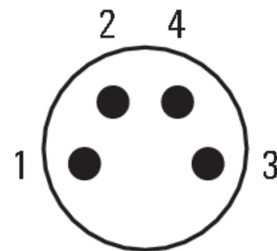
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Drawings**Dimensioned drawing**

Male, straight

Pole scheme**Wiring diagram****Dimensioned drawing**

Male, straight

Pole scheme

Male connector

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