

**SAIL-M12GM8SG-4S3.9UIE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 3.9 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1296790390</a>                                                                                                |
| Type       | SAIL-M12GM8SG-4S3.9UIE                                                                                                    |
| GTIN (EAN) | 4050118626445                                                                                                             |
| Qty.       | 1 pc(s).                                                                                                                  |

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**Technical data****Dimensions and weights**

|            |       |
|------------|-------|
| Net weight | 250 g |
|------------|-------|

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**Technical specifications for cable**

|                              |                      |                                                |                                            |
|------------------------------|----------------------|------------------------------------------------|--------------------------------------------|
| Acceleration                 | 5 m/s <sup>2</sup>   | Bending cycles                                 | 5 Mio                                      |
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary               | 4 x cable diameter                         |
| Cable length                 | 3.9 m                | Colour coding                                  | blue, orange, white / blue, white / orange |
| Configurable cable length    | No                   | Core cross-section                             | 0.15 mm <sup>2</sup>                       |
| 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/min                                  |
| Suitable for cable carriers  | Yes                  | Temperature range, stationary                  | -40...80 °C                                |

**General technical data**

|                        |                      |                              |                   |
|------------------------|----------------------|------------------------------|-------------------|
| Connection thread      | M12 / M8             | Contact surface              | Gold-plated       |
| Housing main material  | PUR                  | Insulation strength          | 10 <sup>8</sup> Ω |
| LED                    | No                   | Plugging cycles              | ≥ 100             |
| Pollution severity     | 3                    | Protection degree            | IP67              |
| Rated current          | 4 A                  | Temperature range of housing | -25...+80 °C      |
| Threaded ring material | Brass, nickel-plated | jumped                       | No                |

**Electrical properties**

|                     |                   |
|---------------------|-------------------|
| Insulation strength | 10 <sup>8</sup> Ω |
|---------------------|-------------------|

**Cable structure**

|                  |                                            |            |    |
|------------------|--------------------------------------------|------------|----|
| Colour coding    | blue, orange, white / blue, white / orange | Insulation | PP |
| Sheathing colour | green                                      |            |    |

**Electrical properties of cable**

|                     |                   |               |     |
|---------------------|-------------------|---------------|-----|
| Insulation strength | 10 <sup>8</sup> Ω | Rated current | 4 A |
| Speed               | 180 m/min         |               |     |

**Mechanical and material properties of cable**

|              |                    |                |           |
|--------------|--------------------|----------------|-----------|
| Acceleration | 5 m/s <sup>2</sup> | Bending cycles | 5 Mio     |
| Halogen      | No                 | Speed          | 180 m/min |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Plug, right**

Contact surface

Gold-plated

Housing main material

PUR

Plugging cycles

≥ 100

**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

ECLASS 11.0

27-06-03-08

**Approvals**

ROHS

Conform

**Downloads**

Brochure/Catalogue

[Catalogues in PDF-format](#)

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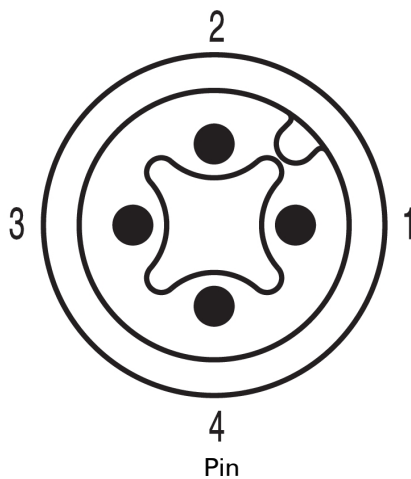
## Drawings

### Dimensioned drawing

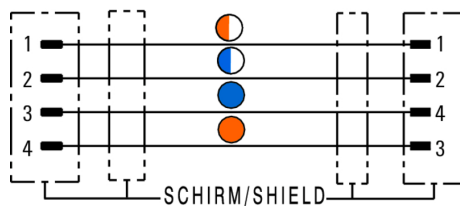


Male, straight

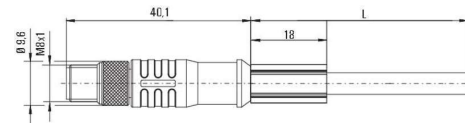
### Pole scheme



### Wiring diagram

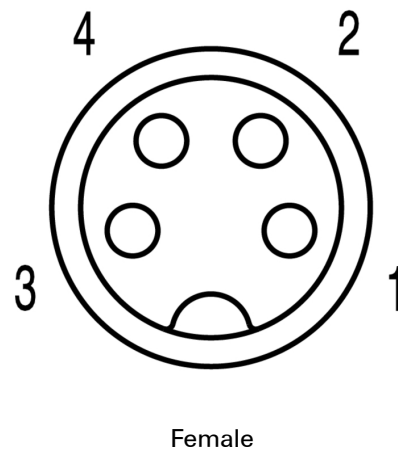


### Dimensioned drawing



Male, straight

### Pole scheme



### 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