

**SAIL-M8GM8SG-4S0.5UIE****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, M8 / M8, Number of poles: 4, 0.5 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1160930050</a>                                                                                                                                |
| Type       | SAIL-M8GM8SG-4S0.5UIE                                                                                                                                     |
| GTIN (EAN) | 4032248949052                                                                                                                                             |
| Qty.       | 1 pc(s).                                                                                                                                                  |

Creation date January 21, 2022 11:41:03 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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

Net weight 27 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                 | 0.5 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**

|                        |                                 |                              |                  |
|------------------------|---------------------------------|------------------------------|------------------|
| Coding                 | none                            | Connection thread            | M8 / 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              |
| 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 |
| Version                | Male, straight - male, straight | jumpered                     | No               |

**Electrical properties**Insulation strength 10<sup>8</sup> Ω Rated voltage 30 V**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | 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**

Approvals



ROHS

Conform

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## Technical data

### Downloads

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Engineering Data | <a href="#">EPLAN, WSCAD</a>                                           |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

## SAIL-M8GM8SG-4S0.5UIE

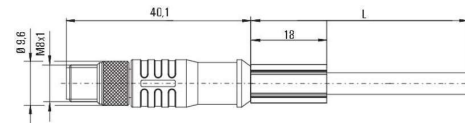
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## Drawings

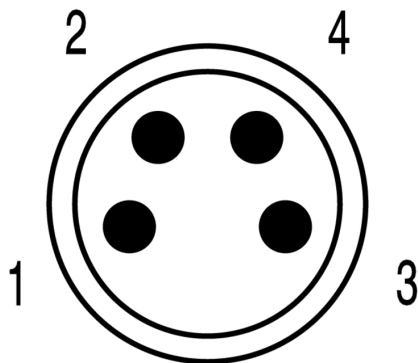
### Dimensioned drawing

### Dimensioned drawing



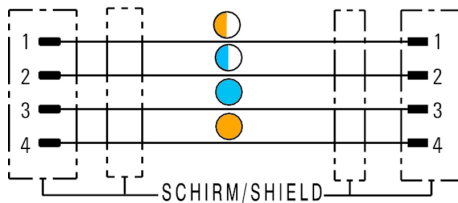
Male, straight

### Pole scheme



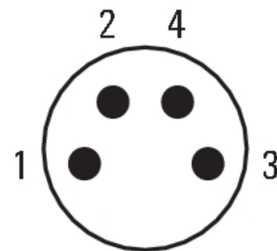
Pin

### Wiring diagram



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

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