

## SAIL-M8GM8SG-4S5.0UIE

**Weidmüller Interface GmbH & Co. KG**  
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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-M8GM8SG-4S5.0UIE                                                                                                                                |
| Order No.  | <a href="#">1160930500</a>                                                                                                                           |
| Version    | Bus line, Connecting line, M8 / M8, No. of poles: 4, 5 m, Male, straight - male, straight, shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4032248949120                                                                                                                                        |
| Qty.       | 1 pc(s).                                                                                                                                             |

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**Technische Daten****Dimensions and weights**

|            |       |
|------------|-------|
| Net weight | 216 g |
|------------|-------|

**Technical specifications for cable**

|                                     |                                               |                                     |                      |
|-------------------------------------|-----------------------------------------------|-------------------------------------|----------------------|
| No. of poles                        | 4                                             | Core cross-section                  | 0.15 mm <sup>2</sup> |
| shielded                            | Yes                                           | Insulation                          | PP                   |
| Colour coding                       | Blue, Orange, white / blue,<br>white / orange | Sheath material                     | PUR                  |
| Sheathing colour                    | Green                                         | Outer diameter                      | 4.8 - 0.3 mm         |
| Cable length                        | 5 m                                           | Temperature range, stationary, min. | -40 °C               |
| Temperature range, stationary, max. | 80 °C                                         | Halogen                             | No                   |
| Suitable for cable carriers         | Yes                                           | Torsion resistance                  | 0 °/m                |
| Bending radius, min., stationary    | 4 x cable diameter                            | Bending radius, min., moving        | 7.5 x cable diameter |
| Acceleration                        | 5 m/s <sup>2</sup>                            | Speed                               | 180 m/min            |
| Bending cycles                      | 5 Mio                                         | Resistant to welding beads          | No                   |

**General technical data**

|                       |                                    |                              |                      |
|-----------------------|------------------------------------|------------------------------|----------------------|
| Version               | Male, straight - male,<br>straight | Contact tube diameter        | M8 / M8              |
| Housing main material | PUR                                | Threaded ring material       | Brass, nickel-plated |
| Coding                | none                               | Protection degree            | IP 67                |
| Contact surface       | Gold-plated                        | LED                          | No                   |
| Rated voltage         | 30 V                               | Rated current                | 4 A                  |
| Insulation resistance | 10 <sup>8</sup> 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 3.0   | EC001855    | eClass 6.2 | 27-27-92-18 |
| eClass 7.1 | 27-06-91-90 |            |             |

**Approvals**

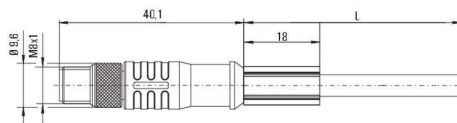
|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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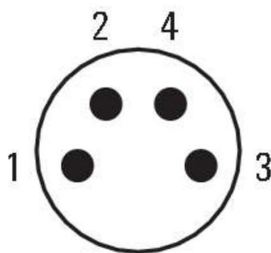
## Zeichnungen

### Dimensioned drawing



Male, straight

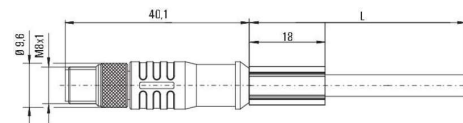
### Pole scheme



Pin

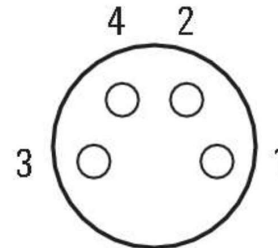
### Wiring diagram

### Dimensioned drawing



Male, straight

### Pole scheme



Socket

### 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