

## SAIL-M8GM8G-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™, Ether-CAT and Ethernet.

### General ordering data

|            |  |
|------------|--|
| Version    | Bus line, Connecting line, M8 / M8, Number of poles: 4, 0.5 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1296770050</a>   |
| Type       | SAIL-M8GM8G-4S0.5UIE   |
| GTIN (EAN) | 4050118111002  |
| Qty.       | 1 items  |

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**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

**Dimensions and weights**

Net weight 26 g

**Environmental Product Compliance**

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Technical specifications for cable**

|  |  |                                  |                      |
|--|--|----------------------------------|----------------------|
| Cable length                                   | 0.5 m                                      | Sheathing colour                 | green                |
| Suitable for cable carriers                    | Yes  | Core cross-section               | 0.15 mm <sup>2</sup> |
| Shielded                                       | Yes  | Halogen                          | No                   |
| Insulation                                     | PP   | Acceleration                     | 5 m/s <sup>2</sup>   |
| Bending radius, min., moving                   | 7.5 x cable diameter                       | Bending radius, min., stationary | 4 x cable diameter   |
| Bending cycles                                 | 5 Mio                                      | Speed                            | 180 m/s              |
| Sheath material                                | PUR  | Configurable cable length        | No                   |
| Outer cladding in accordance with UL AWM style | 20963 (80 °C / 30 V)                       | Hybrid cable                     | No                   |
| Irradiation crosslinked                        | No   | Welding spark resistance         | No                   |
| Colour coding                                  | blue, orange, white / blue, white / orange | Temperature range, stationary    | -40...80 °C          |
| Resistant to welding beads                     | No   | Number of poles                  | 4                    |
| Outside diameter                               | 4.8 mm ± 0.3 mm                            |                                  |                      |

**General technical data**

|                        |                                  |                              |              |
|------------------------|----------------------------------|------------------------------|--------------|
| Coding                 | none                             | Connection thread            | M8 / M8      |
| Contact surface        | Gold-plated                      | LED                          | No           |
| Version                | pin, straight - socket, straight | Housing main material        | PUR          |
| Nominal voltage        | 30 V                             | Nominal current              | 4 A          |
| Protection degree      | IP67                             | Plugging cycles              | ≥ 100        |
| Pollution severity     | 3                                | jumpered                     | No           |
| Threaded ring material | Brass, nickel-plated             | Temperature range of housing | -25...+80 °C |
| Tightening torque      | M8: 0.5 - 0.6 Nm                 |                              |              |

**Electrical properties**

Nominal voltage 30 V

**General standards**

Certificate no. (cULus) E307231

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**Technical data****Plug, left**

|           |  |
|-----------|--|
| Plug left | M8, IP67, male contact,<br>straight, Plastic, shielded |
|-----------|--|

**Plug, right**

|            |  |
|------------|--|
| Plug right | M8, IP67, female contact,<br>straight, Plastic, shielded |
|------------|--|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 |             |             |

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**Drawings**

**Dimensioned drawing**



Male, straight



Straight socket

**Pole scheme**

**Pole scheme**

Pin



Socket

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Drawings

Wiring diagram

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