

## SAIL-M8BG-4S10UIE

**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, One end without connector, M8, Number of poles: 4, 10 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1301371000</a>  |
| Type       | SAIL-M8BG-4S10UIE   |
| GTIN (EAN) | 4050118111248   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate no. (cULus) | E307231                    |

## Dimensions and weights

|            |          |
|------------|----------|
| Net weight | 271.04 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                                   | 10 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                   |
| Contact surface              | Gold-plated             | LED                    | No                   |
| Version                      | Female socket, straight | Housing main material  | PUR                  |
| Nominal voltage              | 30 V                    | Nominal current        | 4 A                  |
| AF size                      | 9 mm                    | 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: 0.6 Nm           |

## Electrical properties

|                 |      |
|-----------------|------|
| Nominal voltage | 30 V |
|-----------------|------|

## General standards

|                         |         |
|-------------------------|---------|
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|-------------------------|---------|

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

Plug left M8, IP67, female contact,  
straight, Plastic, shielded

**Plug, right**

Plug right free conductor end

**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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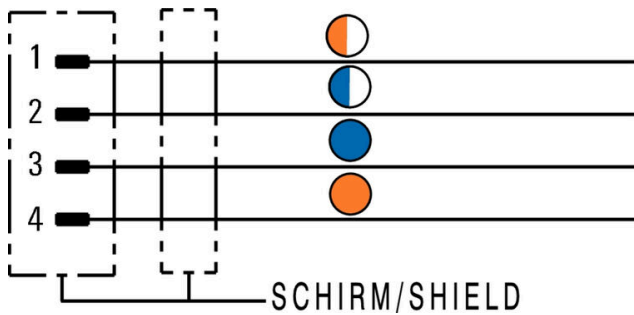
Drawings

Pole scheme



Socket

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

