

## SAIL-M8GM8G-4S5.0UIE

**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, 5 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1296770500</a>   |
| Type       | SAIL-M8GM8G-4S5.0UIE   |
| GTIN (EAN) | 4050118110883  |
| Qty.       | 1 items  |

## SAIL-M8GM8G-4S5.0UIE

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



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

## Dimensions and weights

|            |          |
|------------|----------|
| Net weight | 142.56 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                                   | 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: 0.6 Nm                       |                              |              |

## Electrical properties

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

## General standards

|                         |         |
|-------------------------|---------|
| Certificate no. (cULus) | E307231 |
|-------------------------|---------|

**SAIL-M8GM8G-4S5.0UIE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**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 |             |             |

Drawings

Dimensioned drawing



Male, straight



Straight socket

Pole scheme

Pole scheme

Pin



Socket

**SAIL-M8GM8G-4S5.0UIE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

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