

**SAIL-M12GM12G-4-10TOV**

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

www.weidmueller.com

**Product image**



**General ordering data**

|            |  |
|------------|--|
| Version    | Sensor/actuator line, M12 / M12, Number of poles : 4, 10 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2812601000</a>   |
| Type       | SAIL-M12GM12G-4-10TOV  |
| GTIN (EAN) | 4064675342878  |
| 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 | 270 g |
|------------|-------|

### Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | bd63baef-8092-4596-90c7-5b4daa22710b |

### Technical specifications for cable

|                                      |                       |  |                           |
|--------------------------------------|-----------------------|--|---------------------------|
| Cable length                         | 10 m                  | Sheathing colour                               | orange                    |
| Suitable for cable carriers          | Yes                   | Core cross-section                             | 0.34 mm <sup>2</sup>      |
| Shielded                             | No                    | Halogen  | No                        |
| Bending radius, min., moving         | 7.5 x cable diameter  | Bending radius, min., stationary               | 4 x cable diameter        |
| Bending cycles                       | 10 Mio                | Sheath material                                | PUR                       |
| LABS-free                            | Yes                   | Outer cladding in accordance with UL AWM style | 20233 (80 °C / 300 V)     |
| Core in accordance with UL AWM style | 10995 (80 °C / 300 V) | Irradiation crosslinked                        | No                        |
| Welding spark resistance             | Yes                   | Colour coding                                  | brown, blue, black, white |
| Torsion resistance                   | 360 °/m               | Temperature range, stationary                  | -40...80 °C               |
| Resistant to welding beads           | Yes                   | Temperature range, moving                      | -25...80 °C               |
| Number of poles                      | 4                     | Outside diameter                               | 4.9 mm ± 0.2 mm           |

### General technical data

|                    |                                  |                              |   |
|--------------------|----------------------------------|------------------------------|---|
| Coding             | A-coded                          | Connection thread            | M12 / M12                               |
| Contact surface    | Gold-plated                      | LED                          | No                                      |
| Version            | pin, straight - socket, straight | Housing main material        | PUR                                     |
| Nominal voltage    | 24 V                             | Nominal current              | 4 A                                     |
| AF size            | 12 mm                            | Protection degree            | IP65, IP66, IP67, IP68, when screwed in |
| Pollution severity | 3                                | Temperature range of housing | -25...+85 °C                            |

### Electrical properties

|                 |      |
|-----------------|------|
| Nominal voltage | 24 V |
|-----------------|------|

### General standards

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

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**Technical data**

**Plug, left**

|           |  |
|-----------|--|
| Plug left | connector, M12, A-coded,<br>Number of poles: 4,<br>male contact, straight,<br>unshielded |
|-----------|--|

**Plug, right**

|            |  |
|------------|--|
| Plug right | connector, M12, A-coded,<br>Number of poles: 4,<br>female contact, straight,<br>unshielded |
|------------|--|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | EC001855    | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 |             |             |

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**Drawings**

**Detailed drawing**



**Dimensioned drawing**



**Dimensioned drawing**



**Pole scheme**



**Pole scheme**



**Wiring diagram**



### The ideal tool: Screwty® with torque function

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Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F