

**SAIL-M12GM8G-4-8.0TOV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****General ordering data**

|            |                                                                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Sensor/actuator line, M12 / M8, Number of poles : 4, 8 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2812960800</a>                                                                                                                           |
| Type       | SAIL-M12GM8G-4-8.0TOV                                                                                                                                |
| GTIN (EAN) | 4064675341185                                                                                                                                        |
| Qty.       | 1 pc(s).                                                                                                                                             |

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**Technical data****Dimensions and weights**

|            |       |
|------------|-------|
| Net weight | 230 g |
|------------|-------|

**Technical specifications for cable**

|                                      |                           |                                                |                       |
|--------------------------------------|---------------------------|------------------------------------------------|-----------------------|
| Bending cycles                       | 10 Mio                    | Bending radius, min., moving                   | 7.5 x cable diameter  |
| Bending radius, min., stationary     | 4 x cable diameter        | Cable length                                   | 8 m                   |
| Colour coding                        | brown, blue, black, white | Core cross-section                             | 0.34 mm <sup>2</sup>  |
| Core in accordance with UL AWM style | 10995 (80 °C / 300 V)     | Halogen                                        | No                    |
| Irradiation crosslinked              | No                        | LABS-free                                      | Yes                   |
| Number of poles                      | 4                         | Outer cladding in accordance with UL AWM style | 20233 (80 °C / 300 V) |
| Outside diameter                     | 4.9 mm ± 0.2 mm           | Resistant to welding beads                     | Yes                   |
| Sheath material                      | PUR                       | Sheathing colour                               | orange                |
| Shielded                             | No                        | Suitable for cable carriers                    | Yes                   |
| Welding spark resistance             | Yes                       |                                                |                       |

**General technical data**

|                              |                                         |                   |                                  |
|------------------------------|-----------------------------------------|-------------------|----------------------------------|
| Coding                       | A-coded                                 | Connection thread | M12 / M8                         |
| Contact surface              | Gold-plated                             | LED               | No                               |
| Protection degree            | IP65, IP66, IP67, IP68, when screwed in | Rated current     | 4 A                              |
| Temperature range of housing | -25...+85 °C                            | Version           | pin, straight - socket, straight |

**Plug, left**

|           |                                                     |
|-----------|-----------------------------------------------------|
| Plug left | M12, A-coded, IP68, male contact, straight, Plastic |
|-----------|-----------------------------------------------------|

**Plug, right**

|            |                                                      |
|------------|------------------------------------------------------|
| Plug right | M8, A-coded, IP68, female contact, straight, Plastic |
|------------|------------------------------------------------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | EC001855    | ECLASS 9.0  | 27-06-03-11 |
| ECLASS 9.1  | 27-06-03-11 | ECLASS 10.0 | 27-06-03-11 |
| ECLASS 11.0 | 27-06-03-11 | ECLASS 12.0 | 27-06-03-11 |
| ECLASS 13.0 | 27-06-03-11 | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 |             |             |

**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 |

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## Technical data

### Approvals

Approvals



Approvals MAMID

[https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

ROHS

Conform

### Downloads

Catalogues

[Catalogues in PDF-format](#)

## SAIL-M12GM8G-4-8.0TOV

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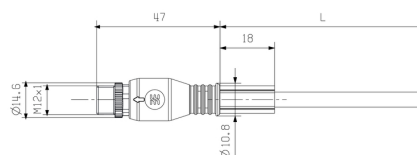
[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

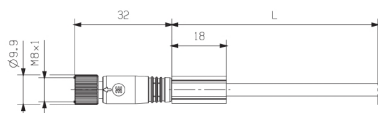
## Dimensioned drawing



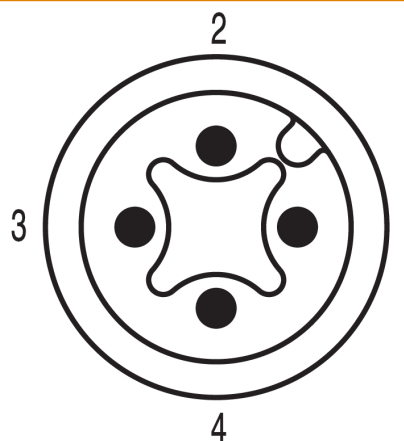
## Dimensioned drawing



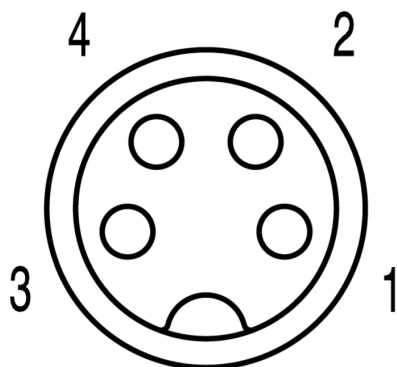
## Dimensioned drawing



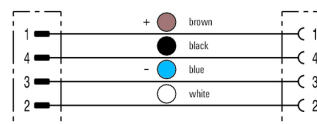
## Pole scheme



## Pole scheme



## Wiring diagram



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## Drawings

### The ideal tool: Screwty<sup>®</sup> 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