

**SAIL-M12BGM12G-CD-0.3A****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, M12 / M12, Number of poles: 5, 0.3 m, Female socket, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2455990030</a>  |
| Type       | SAIL-M12BGM12G-CD-0.3A  |
| GTIN (EAN) | 4050118474145   |
| Qty.       | 1 items   |

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 42.24 g

### Environmental Product Compliance

RoHS Compliance Status Compliant with exemption  
 RoHS Exemption (if applicable/known) 6c  
 REACH SVHC Lead 7439-92-1  
 SCIP 1c533b66-fcff-4da5-b89f-fd55fbf5cb55

### Technical specifications for cable

|  |   |                               |                     |
|--|---|-------------------------------|---------------------|
| Cable length                                   | 0.3 m   | Sheathing colour              | violet              |
| Suitable for cable carriers                    | Yes   | Shielded                      | Yes                 |
| Halogen  | No  | Insulation                    | TPE                 |
| Acceleration                                   | 5 m/s <sup>2</sup>                                  | Bending radius, min., moving  | 10 x cable diameter |
| Bending radius, min., stationary               | 5 x cable diameter                                  | Bending cycles                | 3 Mio               |
| Wire cross section (Print/Online)              | 2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup> | Speed                         | 180 m/s             |
| Sheath material                                | PUR   | Configurable cable length     | No                  |
| Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V)                                | Hybrid cable                  | No                  |
| Irradiation crosslinked                        | No  | Welding spark resistance      | No                  |
| Colour coding                                  | white, blue, red, black                             | Temperature range, stationary | -40...80 °C         |
| Resistant to welding beads                     | No  | Temperature range, moving     | -10...80 °C         |
| Number of poles                                | 5   | Outside diameter              | 7 mm ± 0.3 mm       |

### General technical data

|                              |  |                        |                      |
|------------------------------|--|------------------------|----------------------|
| Coding                       | A-coded  | Connection thread      | M12 / M12            |
| Contact surface              | Gold-plated  | LED                    | No                   |
| Version                      | Female socket, straight -<br>Female socket, straight | Housing main material  | PUR                  |
| Insulation resistance        | 108 Ω  | Nominal voltage        | 125 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      | M12: 0.8 - 1.2 Nm    |

### Electrical properties

|                       |       |                 |       |
|-----------------------|-------|-----------------|-------|
| Insulation resistance | 108 Ω | Nominal voltage | 125 V |
|-----------------------|-------|-----------------|-------|

### Plug, left

|           |   |
|-----------|---|
| Plug left | M12, A-coded, IP67,<br>female contact, straight,<br>Plastic, shielded |
|-----------|---|

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**Technical data****Plug, right**

|            |   |
|------------|---|
| Plug right | M12, A-coded, IP67,<br>female contact, straight,<br>Plastic, shielded |
|------------|---|

**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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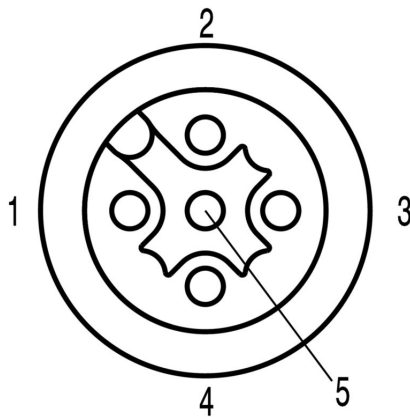
Drawings

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

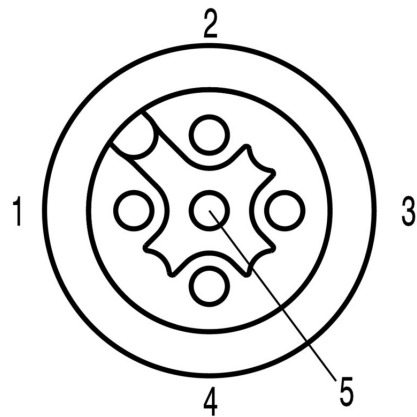
**Dimensioned drawing**



**Pole scheme**



**Pole scheme**



# 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