

**SAIL-M12GM12G-CD-0.25A****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, Connecting line, M12 / M12, Number of poles: 5, 0.25 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1964710025</a>  |
| Type       | SAIL-M12GM12G-CD-0.25A  |
| GTIN (EAN) | 4050118479232   |
| Qty.       | 1 pc(s).  |

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

|            |      |
|------------|------|
| Net weight | 44 g |
|------------|------|

**Technical specifications for cable**

|  |                      |                                   |   |
|--|----------------------|-----------------------------------|---|
| Acceleration                                   | 5 m/s <sup>2</sup>   | Bending cycles                    | 3 Mio   |
| Bending radius, min., moving                   | 10 x cable diameter  | Bending radius, min., stationary  | 5 x cable diameter                                  |
| Cable length                                   | 0.25 m               | Colour coding                     | white, blue, red, black                             |
| Configurable cable length                      | No                   | Halogen                           | No  |
| Hybrid cable                                   | No                   | Insulation                        | TPE   |
| Irradiation crosslinked                        | No                   | Number of poles                   | 5   |
| Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) | Outside diameter                  | 7 mm ± 0.3 mm                                       |
| Resistant to welding beads                     | No                   | Sheath material                   | PUR   |
| Sheathing colour                               | violet               | Shielded                          | Yes   |
| Speed  | 180 m/s              | Suitable for cable carriers       | Yes   |
| Temperature range, moving                      | -10...80 °C          | Temperature range, stationary     | -40...80 °C   |
| Welding spark resistance                       | No                   | Wire cross section (Print/Online) | 2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup> |

**General technical data**

|                        |                                  |                              |                   |
|------------------------|----------------------------------|------------------------------|-------------------|
| Coding                 | A-coded                          | Connection thread            | M12 / M12         |
| Contact surface        | Gold-plated                      | Housing main material        | PUR               |
| Insulation strength    | 10 <sup>8</sup> Ω                | LED                          | No                |
| Plugging cycles        | ≥ 100                            | Pollution severity           | 3                 |
| Protection degree      | IP67                             | Rated current                | 4 A               |
| Rated voltage          | 125 V                            | Temperature range of housing | -25...+80 °C      |
| Threaded ring material | Brass, nickel-plated             | Tightening torque            | M12: 0.8 - 1.2 Nm |
| Version                | pin, straight - socket, straight | jumpered                     | No                |

**Electrical properties**

|                     |                   |               |       |
|---------------------|-------------------|---------------|-------|
| Insulation strength | 10 <sup>8</sup> Ω | Rated voltage | 125 V |
|---------------------|-------------------|---------------|-------|

**Plug, left**

|           |   |
|-----------|---|
| Plug left | M12, A-coded, IP67, male contact, straight, Plastic, shielded |
|-----------|---|

**Plug, right**

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

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | EC001855    | ETIM 9.0    | 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 |             |             |

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

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                             |  |
|-----------------------------|--|
| Product Change Notification | <a href="#">20221115 Technical change to CANopenDeviceNet cord sets and cables</a><br><a href="#">20221115 Technische Änderung zu CANopenDeviceNet Leitungen</a> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                   | <a href="#">FL FIELDWIRING EN</a>  |

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**Drawings**
**Dimensioned drawing**


Male, straight

**Pole scheme**

**Dimensioned drawing**


Straight socket

**Pole scheme**

**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