

## SAIL-M12G-CD-1.5B

**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, One end without connector, M12, Number of poles: 5, 1.5 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| Order No.  | <a href="#">1060110150</a>                                                                                                                     |
| Type       | SAIL-M12G-CD-1.5B                                                                                                                              |
| GTIN (EAN) | 403224880886 1                                                                                                                                 |
| Qty.       | 1 items                                                                                                                                        |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Length     | 1.5 mm   | Length (inches) | 0.0591 inch |
| Net weight | 102.96 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-fd555bf5cb55 |

## Technical specifications for cable

|                                   |                                                     |                                                |                          |
|-----------------------------------|-----------------------------------------------------|------------------------------------------------|--------------------------|
| Cable length                      | 1.5 m                                               | Sheathing colour                               | violet                   |
| Resistance to oils                | in accordance with IEC 60811-2-1                    | Suitable for cable carriers                    | No                       |
| Core cross-section                | 0.34 mm <sup>2</sup>                                | Number of wires                                | 5                        |
| Shielded                          | Yes                                                 | Halogen                                        | Yes                      |
| Insulation                        | PVC                                                 | Acceleration                                   | 7 m/s <sup>2</sup>       |
| Bending radius, min., stationary  | 10 x cable diameter                                 | Bending cycles                                 | 5 Mio                    |
| Wire cross section (Print/Online) | 2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup> | Resistance to spread of flame                  | According to IEC 60754-1 |
| Speed                             | 180 m/min                                           | Sheath material                                | PVC                      |
| Configurable cable length         | No                                                  | Outer cladding in accordance with UL AWM style | 2571 (80 °C)             |
| Hybrid cable                      | No                                                  | Irradiation crosslinked                        | No                       |
| Welding spark resistance          | No                                                  | Colour coding                                  | red, black, white, blue  |
| Temperature range, stationary     | -40...80 °C                                         | Resistant to welding beads                     | No                       |
| Temperature range, moving         | -25...80 °C                                         | Number of poles                                | 5                        |
| Outside diameter                  | 6.7 mm ± 0.3 mm                                     |                                                |                          |

## General technical data

|                              |               |                        |                      |
|------------------------------|---------------|------------------------|----------------------|
| Coding                       | A-coded       | Connection thread      | M12                  |
| Contact surface              | Gold-plated   | LED                    | No                   |
| Version                      | pin, straight | Housing main material  | PUR                  |
| Contact material             | CuZn35PB2     | Nominal voltage        | 125 V                |
| Nominal current              | 4 A           | Protection degree      | IP67                 |
| Plugging cycles jumpered     | ≥ 100         | Pollution severity     | 3                    |
| Temperature range of housing | -25...+80 °C  | Threaded ring material | Brass, nickel-plated |
|                              |               | Tightening torque      | M12: 0.8 - 1.2 Nm    |

## Cable specific standards

|                 |                           |
|-----------------|---------------------------|
| Poisonous gases | According to EN-50267-2-1 |
|-----------------|---------------------------|

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**Technical data**

**Electrical properties**

Nominal voltage 125 V

**General standards**

Certificate no. (cULus) E307231

**Plug, left**

Plug left M12, A-coded, Number of poles: 5, IP67, male contact, straight, plug, shielded

**Plug, right**

Plug right Free conductor end

**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 |             |             |

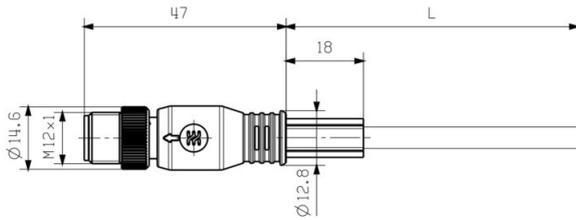
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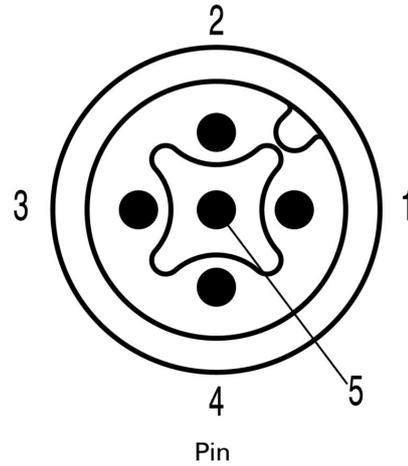
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Drawings

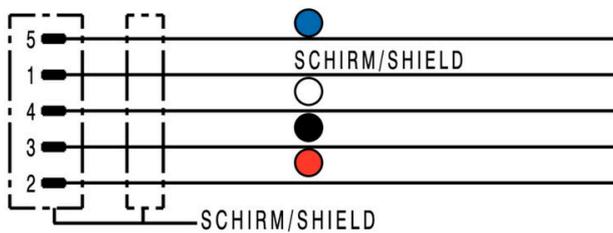
Pole scheme



Male, straight



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

