

**SAIL-M12G-USB-3.0U****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™, EtherCAT and Ethernet.

**General ordering data**

|            |                                                                                                                                   |
|------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Version    | Bus line, Connecting line, M12, Number of poles: 4, 3 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1268520000</a>                                                                                                        |
| Type       | SAIL-M12G-USB-3.0U                                                                                                                |
| GTIN (EAN) | 4050118057393                                                                                                                     |
| Qty.       | 1 pc(s).                                                                                                                          |

Creation date March 23, 2021 1:01:56 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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

|            |       |
|------------|-------|
| Net weight | 105 g |
|------------|-------|

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**Technical specifications for cable**

|                                                |                      |                         |                          |
|------------------------------------------------|----------------------|-------------------------|--------------------------|
| Cable length                                   | 3 m                  | Colour coding           | white, green, red, black |
| Configurable cable length                      | No                   | Halogen                 | No                       |
| Housing main material                          | PUR                  | Hybrid cable            | No                       |
| Insulation                                     | PE                   | Irradiation crosslinked | No                       |
| Number of poles                                | 4                    | Number of poles         | 4                        |
| Outer cladding in accordance with UL AWM style | 20963 (80 °C / 30 V) | Sheath material         | PUR                      |
| Sheathing colour                               | black                | Shielded                | Yes                      |

**General technical data**

|                              |                   |                        |                      |
|------------------------------|-------------------|------------------------|----------------------|
| Coding                       | A                 | Connection thread      | M12                  |
| Contact surface              | Gold-plated       | Housing main material  | PUR                  |
| Insulation strength          | $10^8 \Omega$     | LED                    | No                   |
| Pollution severity           | 3                 | Protection degree      | IP67                 |
| Rated current                | 1 A               | Rated voltage          | 5 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        |
| jumpered                     | No                |                        |                      |

**Electrical properties**

|                     |               |               |     |
|---------------------|---------------|---------------|-----|
| Insulation strength | $10^8 \Omega$ | Rated voltage | 5 V |
|---------------------|---------------|---------------|-----|

**Cable structure**

|                  |                          |            |    |
|------------------|--------------------------|------------|----|
| Colour coding    | white, green, red, black | Insulation | PE |
| Sheathing colour | black                    |            |    |

**Electrical properties of cable**

|                     |               |               |     |
|---------------------|---------------|---------------|-----|
| Insulation strength | $10^8 \Omega$ | Rated current | 1 A |
|---------------------|---------------|---------------|-----|

**Mechanical and material properties of cable**

|         |    |
|---------|----|
| Halogen | No |
|---------|----|

**Plug, right**

|                 |             |                       |     |
|-----------------|-------------|-----------------------|-----|
| Contact surface | Gold-plated | Housing main material | PUR |
|-----------------|-------------|-----------------------|-----|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ECLASS 9.0  | 27-06-03-08 | ECLASS 9.1  | 27-06-03-08 |
| ECLASS 10.0 | 27-06-03-08 | ECLASS 11.0 | 27-06-03-08 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Engineering Data

[EPLAN, WSCAD](#)

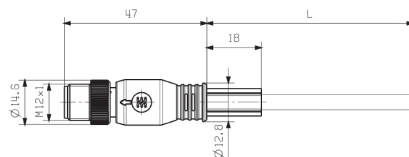
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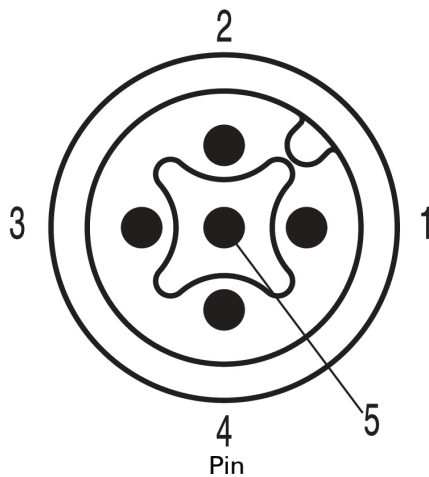
## Drawings

### Dimensioned drawing



Male, straight

### Pole scheme



### Wiring diagram

### Dimensioned drawing

USB

### Pole scheme

USB

### 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