

**SAIL-M12WM12W-PB-0.5D****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: 2, 0.5 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1062330050</a>   |
| Type       | SAIL-M12WM12W-PB-0.5D  |
| GTIN (EAN) | 4050118476620  |
| Qty.       | 1 pc(s).   |

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

|            |      |
|------------|------|
| Net weight | 72 g |
|------------|------|

**Technical specifications for cable**

|                               |                     |  |                      |
|-------------------------------|---------------------|--|----------------------|
| Acceleration                  | 5 m/s <sup>2</sup>  | Bending cycles                                 | 2 Mio                |
| Bending radius, min., moving  | 12 x cable diameter | Bending radius, min., stationary               | 7.5 x cable diameter |
| Cable length                  | 0.5 m               | Colour coding                                  | red, green           |
| Configurable cable length     | No                  | Core cross-section AWG                         | AWG 24               |
| Halogen                       | No                  | Hybrid cable                                   | No                   |
| Insulation                    | TPE                 | Irradiation crosslinked                        | No                   |
| Number of poles               | 2                   | Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) |
| Outside diameter              | 7.8 mm ± 0.2 mm     | Resistant to welding beads                     | No                   |
| Sheath material               | PUR                 | Sheathing colour                               | violet               |
| Shielded                      | Yes                 | Speed  | 3 m/s                |
| Suitable for cable carriers   | Yes                 | Temperature range, moving                      | -20...60 °C          |
| Temperature range, stationary | -40...70 °C         | Welding spark resistance                       | No                   |

**General technical data**

|                              |                   |                        |                      |
|------------------------------|-------------------|------------------------|----------------------|
| Coding                       | B-coded           | Connection thread      | M12 / M12            |
| Contact surface              | Gold-plated       | Housing main material  | PUR                  |
| LED                          | No                | Plugging cycles        | ≥ 100                |
| Pollution severity           | 3                 | Protection degree      | IP67                 |
| Rated current                | 4 A               | Rated voltage          | 250 V                |
| Temperature range of housing | -25...+80 °C      | Threaded ring material | Brass, nickel-plated |
| Tightening torque            | M12: 0.8 - 1.2 Nm | jumpered               | No                   |

**Electrical properties**

|               |       |
|---------------|-------|
| Rated voltage | 250 V |
|---------------|-------|

**Plug, left**

|           |   |
|-----------|---|
| Plug left | M12, B-coded, IP67, male contact, angled 90°, Plastic, shielded |
|-----------|---|

**Plug, right**

|            |   |
|------------|---|
| Plug right | M12, B-coded, IP67, female contact, angled 90°, Plastic, shielded |
|------------|---|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | 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 |
| ECLASS 12.0 | 27-06-03-08 | ECLASS 13.0 | 27-06-03-08 |

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|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 1c533b66-fcff-4da5-b89f-fd55fbf5cb55 |

**Approvals**

Approvals



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

**Downloads**

|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
| Brochures  | <a href="#">FL FIELDWIRING EN</a>        |

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## Drawings

### Dimensioned drawing



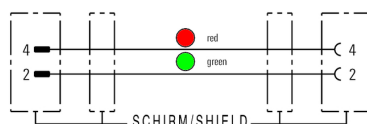
Male, angled

### Pole scheme

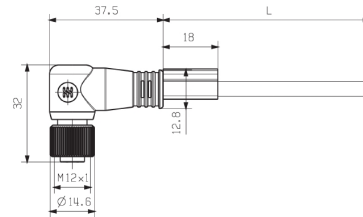


Pin

### Wiring diagram

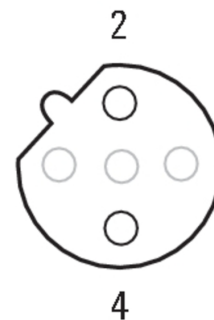


### Dimensioned drawing



Socket angled

### Pole scheme



Socket

### 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