

**SAIL-M12WM12W-CD-5.5A**

**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, 5.5 m, pin, 90° - socket 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.           | <a href="#">1062150550</a>  |
| Type                | SAIL-M12WM12W-CD-5.5A   |
| GTIN (EAN)          | 4050118456837   |
| Qty.                | 1 items   |
| Delivery status     | This article will no longer be available in the future.   |
| Last order date     | 2026-09-30T00:00:00+02:00   |
| Alternative product | <a href="#">SAIL-M12WM12W-CD-5.0A</a>   |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Length     | 5.5 mm | Length (inches) | 0.2165 inch |
| Net weight | 400 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-fd555fbf5cb55 |

## Technical specifications for cable

|                                   |   |                               |   |
|-----------------------------------|---|-------------------------------|---|
| Cable length                      | 5.5 m   | Sheathing colour              | violet  |
| Resistance to oils                | EN 50363-10-2                                       | Suitable for cable carriers   | Yes   |
| Core cross-section                | 0.34 mm <sup>2</sup>                                | Number of wires               | 5   |
| Shielded                          | Yes   | Halogen                       | No  |
| Insulation                        | PE  | Acceleration                  | 7 m/s <sup>2</sup>  |
| Bending radius, min., moving      | 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 | in accordance with IEC 60332-1-2, In accordance with UL1581 UL/ CUL FT1 |
| Speed                             | 180 m/min   | Sheath material               | PUR   |
| Configurable cable length         | No  | Hybrid cable                  | Yes   |
| Irradiation crosslinked           | No  | Welding spark resistance      | No  |
| Colour coding                     | red, black, white, blue                             | Resistant to welding beads    | No  |
| Temperature range, moving         | -20...80 °C   | Number of poles               | 5   |
| Outside diameter                  | 6.9 mm ± 0.3 mm                                     |                               |   |

## General technical data

|                              |                       |                        |                      |
|------------------------------|-----------------------|------------------------|----------------------|
| Coding                       | A-coded               | Connection thread      | M12 / M12            |
| Contact surface              | Gold-plated           | LED                    | No                   |
| Version                      | pin, 90° - socket 90° | Housing main material  | PUR                  |
| Contact material             | CuZn35PB2             | 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

|                 |       |
|-----------------|-------|
| Nominal voltage | 125 V |
|-----------------|-------|

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**Technical data**

**General standards**

|                    |                 |                         |         |
|--------------------|-----------------|-------------------------|---------|
| Connector standard | IEC 61076-2-101 | Certificate no. (cULus) | E307231 |
|--------------------|-----------------|-------------------------|---------|

**Plug, left**

|           |   |
|-----------|---|
| Plug left | M12, A-coded, Number of poles: 5, IP67, male contact, angled 0°, plug, shielded |
|-----------|---|

**Plug, right**

|            |   |
|------------|---|
| Plug right | M12, A-coded, Number of poles: 5, IP67, female contact, angled 0°, plug, shielded |
|------------|---|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-07 |             |             |

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**Drawings**

**Dimensioned drawing**



Male, angled



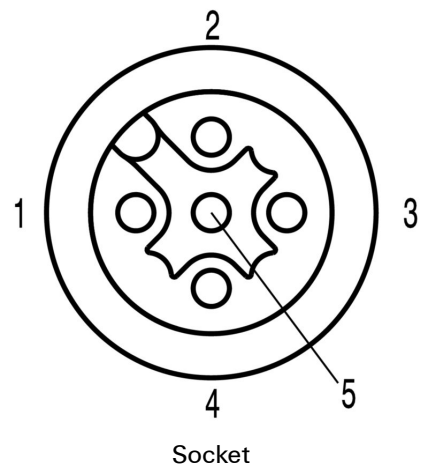
Socket angled

**Pole scheme**



Pin

**Pole scheme**



Socket

# 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