

**SAIL-M12W-T-5.0H****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

|            |  |
|------------|--|
| Version    | Power cable, One end without connector, M12, Number of poles : 4, 5 m, pin, 90&deg;, Shielded: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2050710500</a>   |
| Type       | SAIL-M12W-T-5.0H   |
| GTIN (EAN) | 4050118441987  |
| Qty.       | 1 items  |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E310075

## Dimensions and weights

Net weight 300 g

## Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

## Technical specifications for cable

|  |                        |                                  |                           |
|--|------------------------|----------------------------------|---------------------------|
| Cable length                                   | 5 m                    | Sheathing colour                 | black                     |
| Suitable for cable carriers                    | Yes                    | Core cross-section               | 2.5 mm <sup>2</sup>       |
| Shielded                                       | No                     | Halogen                          | No                        |
| Insulation                                     | PP                     | Acceleration                     | 5 m/s <sup>2</sup>        |
| Bending radius, min., moving                   | 7.5 x cable diameter   | Bending radius, min., stationary | 4 x cable diameter        |
| Bending cycles                                 | 10 Mio                 | Speed                            | 5 m/s                     |
| Sheath material                                | PUR                    | Configurable cable length        | No                        |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V) | Irradiation crosslinked          | No                        |
| Welding spark resistance                       | No                     | Colour coding                    | black, blue, white, brown |
| Temperature range, stationary                  | -50...90 °C            | Resistant to welding beads       | No                        |
| Temperature range, moving                      | -40...90 °C            | Number of poles                  | 4                         |
| Outside diameter                               | 11 mm ± 0.4 mm         |                                  |                           |

## General technical data

|                              |                |                       |                       |
|------------------------------|----------------|-----------------------|-----------------------|
| Coding                       | T-coded        | Connection thread     | M12                   |
| Contact surface              | Gold-plated    | Version               | pin, 90&deg;          |
| Housing main material        | PUR            | Insulation resistance | 108 Ω                 |
| Nominal voltage              | 63 V           | Nominal current       | 12 A                  |
| AF size                      | 13 mm          | Protection degree     | IP67, when screwed in |
| Plugging cycles              | ≥ 100          | Pollution severity    | 3                     |
| Temperature range of housing | -40 ... +85 °C | Tightening torque     | M12: 1.0 Nm           |

## Electrical properties

Insulation resistance 108 Ω      Nominal voltage 63 V

## General standards

Connector standard IEC 61076-2-111      Certificate no. (cULus) E310075

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**Technical data****Standards**

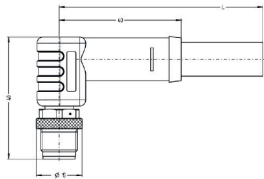
|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-111 |
|--------------------|-----------------|

**Classifications**

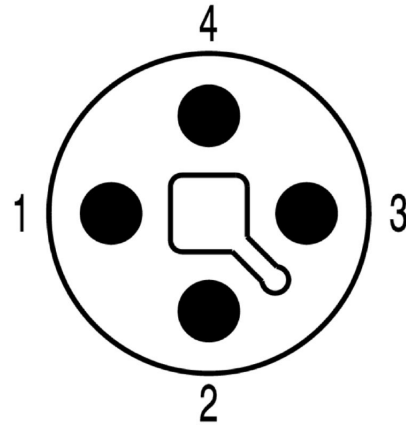
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | EC001855    | ECLASS 9.0  | 27-06-03-11 |
| ECLASS 9.1  | 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 |
| ECLASS 15.0 | 27-06-03-11 |             |             |

Drawings

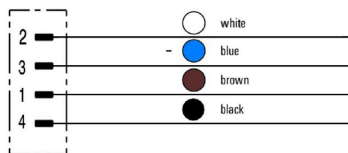
Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

