

**SAIL-7/8W7/8W-5-10U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Dimensioned drawing**

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

The 7/8" cables tend to be used for power supply applications.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

**General ordering data**

|            |                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 10 m, pin, 90&deg; - socket 90&deg;, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2519461000</a>                                                                                                                              |
| Type       | SAIL-7/8W7/8W-5-10U                                                                                                                                     |
| GTIN (EAN) | 4050118533699                                                                                                                                           |
| Qty.       | 1 pc(s).                                                                                                                                                |

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Catalogue status 07.10.2022 / We reserve the right to make technical changes.

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

|            |       |
|------------|-------|
| Net weight | 600 g |
|------------|-------|

**Environmental Product Compliance**

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

**Technical specifications for cable**

|                               |                                         |                                                |                        |
|-------------------------------|-----------------------------------------|------------------------------------------------|------------------------|
| Bending radius, min., moving  | 7.5 x cable diameter                    | Cable length                                   | 10 m                   |
| Colour coding                 | brown, white, blue, black, Green/yellow | Configurable cable length                      | No                     |
| Core cross-section            | 1.5 mm <sup>2</sup>                     | Halogen                                        | No                     |
| Insulation                    | TPM                                     | Irradiation crosslinked                        | No                     |
| Number of poles               | 5 (4 + PE)                              | Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V) |
| Outside diameter              | 8.7 mm ± 0.2 mm                         | PE function                                    | Yes                    |
| Resistant to welding beads    | No                                      | Sheath material                                | PUR                    |
| Sheathing colour              | black                                   | Shielded                                       | No                     |
| Suitable for cable carriers   | Yes                                     | Temperature range, moving                      | -20...80 °C            |
| Temperature range, stationary | -50...80 °C                             | Torsion resistance                             | 0 °/m                  |
| Welding spark resistance      | No                                      |                                                |                        |

**General technical data**

|                        |                         |                              |                |
|------------------------|-------------------------|------------------------------|----------------|
| Coding                 | none                    | Connection thread            | 7/8"           |
| Contact surface        | Au (Gold)               | Housing main material        | PUR            |
| Insulation strength    | 10 <sup>8</sup> Ω       | LED                          | No             |
| Plugging cycles        | ≥ 100                   | Pollution severity           | 3              |
| Protection degree      | IP68, when screwed in   | Rated current                | 9 A            |
| Rated voltage          | 300 V                   | Temperature range of housing | -40 ... +85 °C |
| Threaded ring material | Diecast zinc            | Tightening torque            | 7/8": 1.5 Nm   |
| Version                | pin, 90°; - socket 90°; | jumpered                     | No             |

**Electrical properties**

|                     |                   |               |       |
|---------------------|-------------------|---------------|-------|
| Insulation strength | 10 <sup>8</sup> Ω | Rated voltage | 300 V |
|---------------------|-------------------|---------------|-------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | 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 |

**Approvals**

Approvals



ROHS

Conform

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

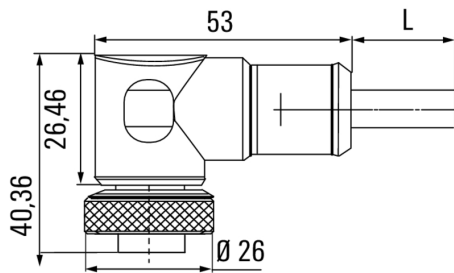
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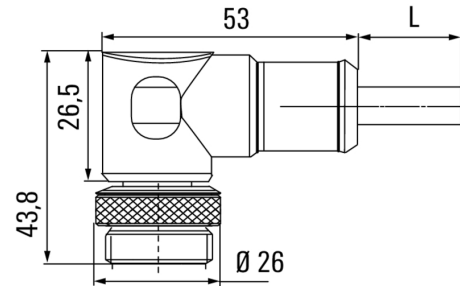
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## Drawings

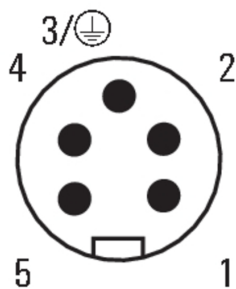
### Dimensioned drawing



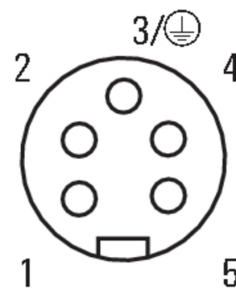
### Pole scheme



### Pole scheme



### Wiring diagram



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