

**SAIL-7/8W7/8W-5-5.0U****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 :<br>5 (4 + PE), 5 m, pin, 90&deg; - socket 90&deg;,<br>Shielded: No, LED: No, Sheath material: PUR,<br>Halogen: No |
| Order No.  | <a href="#">2519460500</a>                                                                                                                                      |
| Type       | SAIL-7/8W7/8W-5-5.0U                                                                                                                                            |
| GTIN (EAN) | 4050118533682                                                                                                                                                   |
| Qty.       | 1 pc(s).                                                                                                                                                        |

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

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

|            |       |
|------------|-------|
| Net weight | 400 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                                   | 5 m                                     |        |
| Colour coding                                  | brown, white, blue, black, Green/yellow |        |
| Configurable cable length                      | No                                      |        |
| Core cross-section                             | 1.5 mm <sup>2</sup>                     |        |
| Halogen                                        | No                                      |        |
| Housing main material                          | PUR                                     |        |
| Insulation                                     | TPM                                     |        |
| Number of poles                                | 5                                       |        |
| Number of poles                                | 5 (4 + PE)                              |        |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V)                  |        |
| Outer diameter                                 | 8.7 mm                                  |        |
| Outside diameter                               | Diameter                                | 8.7 mm |
|                                                | Signs                                   | ±      |
|                                                | Tolerance                               | 0.2 mm |
| 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                    | No                                      |        |
| Temperature range, moving                      | -20...80 °C                             |        |
| Temperature range, moving, max.                | 80 °C                                   |        |
| Temperature range, moving, min.                | -20 °C                                  |        |
| Temperature range, stationary                  | -50...80 °C                             |        |
| Temperature range, stationary, max.            | 80 °C                                   |        |
| Temperature range, stationary, min.            | -50 °C                                  |        |
| Torsion resistance                             | 0 °/m                                   |        |

**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 | -25...+80 °C |
| Threaded ring material | Diecast zinc                  | Tightening torque            | 7/8": 1.5 Nm |
| Version                | pin, 90&deg; - socket 90&deg; | jumpered                     | No           |

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

**Approvals**

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

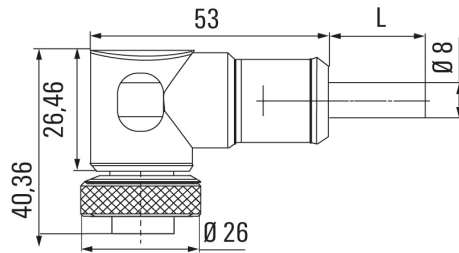
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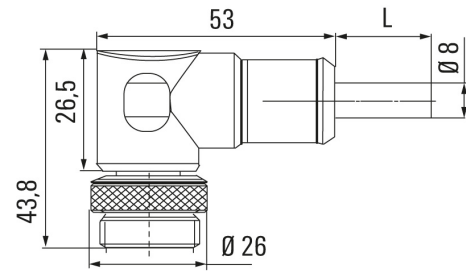
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# Drawings

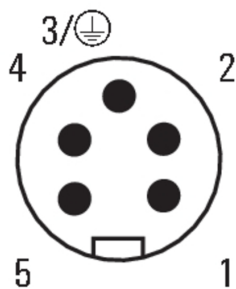
## Dimensioned drawing



## Pole scheme



## Pole scheme



## Wiring diagram

