

## SAIL-7/8BW-4-1.5U

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

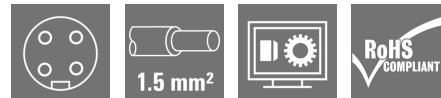
D-32758 Detmold

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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

|            |  |
|------------|--|
| Type       | SAIL-7/8BW-4-1.5U  |
| Order No.  | <a href="#">1292 150150</a>  |
| Version    | Sensor/actuator line, One end without connector, 7/8", Number of poles : 4 (3 + PE), 1.5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4050118088076  |
| Qty.       | 1 pc(s).   |

Creation date May 3, 2020 12:02:40 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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

Net weight 204 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

|  |                           |                               |                      |
|--|---------------------------|-------------------------------|----------------------|
| Number of poles                                | 4 (3 + PE)                | Core cross-section            | 1.5 mm <sup>2</sup>  |
| Outside diameter                               | 8 mm ± 0.2 mm             | Cable length                  | 1.5 m                |
| Shielded                                       | No                        | Insulation                    | TPM                  |
| Colour coding                                  | brown, white, blue, black | Sheath material               | PUR                  |
| Sheathing colour                               | black                     | Halogen                       | No                   |
| Temperature range, moving                      | -20...80 °C               | Temperature range, stationary | -50...80 °C          |
| Outer cladding in accordance with UL AWM style | 20234 (80 °C / 1000 V)    | Suitable for cable carriers   | No                   |
| Torsion resistance                             | 0 °/m                     | Bending radius, min., moving  | 7.5 x cable diameter |
| Resistant to welding beads                     | No                        | Configurable cable length     | No                   |

**General technical data**

|                          |                   |                              |                       |
|--------------------------|-------------------|------------------------------|-----------------------|
| Version                  | Socket, angled    | Connection thread            | 7/8"                  |
| Housing main material    | PUR               | Threaded ring material       | Diecast zinc          |
| Coding                   | none              | Protection degree            | IP68, when screwed in |
| Contact surface          | Au (Gold)         | LED                          | No                    |
| Rated voltage            | 300 V             | Rated current                | 9 A                   |
| Insulation strength      | 10 <sup>8</sup> Ω | Temperature range of housing | -25...+80 °C          |
| Plugging cycles jumpered | ≥ 100             | Pollution severity           | 3                     |

**Standards**

Certificate no. (cULus) E307231

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| 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 |            |             |

**Approvals**

Approvals



ROHS Conform

**Downloads**

Brochure/Catalogue [CAT 8 SAI 15/16 EN](#)  
[FL FIELDWIRING EN](#)

Engineering Data [EPLAN, WSCAD](#)

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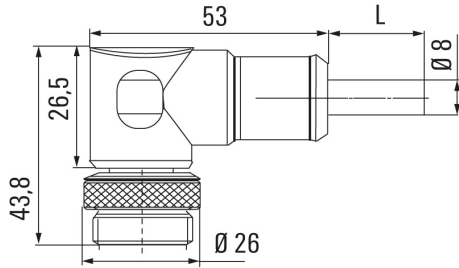
**Data sheet**

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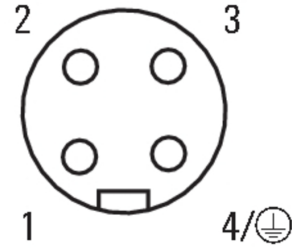
**Drawings**

**Dimensioned drawing**



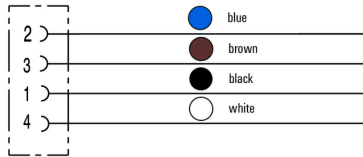
Angled socket

**Pole scheme**



Socket

**Wiring diagram**



**The ideal tool: Screwty<sup>®</sup> 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