

## SAIL-7/8BW-3-10U

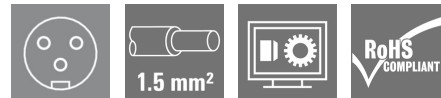
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



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, One end without connector, 7/8", Number of poles : 3 (2 + PE), 10 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1292111000</a>
Type	SAIL-7/8BW-3-10U
GTIN (EAN)	4050118087840
Qty.	1 pc(s).

Creation date March 23, 2021 2:46:12 PM CET

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

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## Technical data

### Dimensions and weights

Net weight 500 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	blue, brown, 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	3	
Number of poles	3 (2 + PE)	
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	
Outer diameter	7.4 mm	
Outside diameter	Diameter	7.4 mm
	Signs	±
	Tolerance	0.2 mm
Outside diameter	7.4 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	12 A
Rated voltage	300 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Diecast zinc	Version	Socket, angled
jumpered	No		

**Data sheet**

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**Technical data**

**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	ECLASS 11.0	27-06-03-11

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

**Downloads**

Engineering Data	<a href="#">EPLAN, WSCAD</a>
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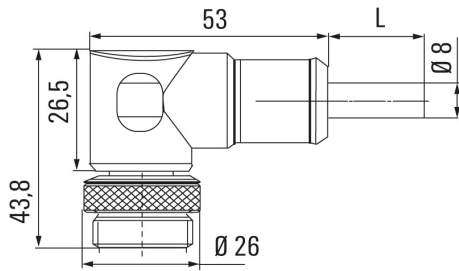
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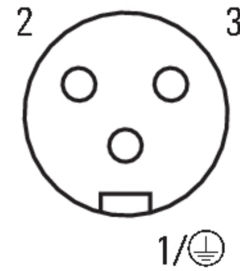
Drawings

**Dimensioned drawing**



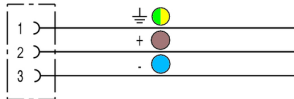
Angled socket

**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