

SAIL-7/8W7/8W-5-1.0U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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), 1 m, pin, 90° - socket 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2519460100
Type	SAIL-7/8W7/8W-5-1.0U
GTIN (EAN)	4050118533521
Qty.	1 pc(s).

Creation date March 17, 2023 8:55:22 AM CET

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Technical data**Dimensions and weights**

Net weight 100 g

Technical specifications for cable

Bending radius, min., moving	7.5 x cable diameter	Cable length	1 m
Colour coding	brown, white, blue, black, Green/yellow	Configurable cable length	No
Core cross-section	1.5 mm ²	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 ⁸ 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 propertiesInsulation strength 10⁸ 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

Environmental Product ComplianceREACH SVHC Lead 7439-92-1
SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4**Approvals**

Approvals



ROHS Conform

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

Data sheet

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Technical data

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

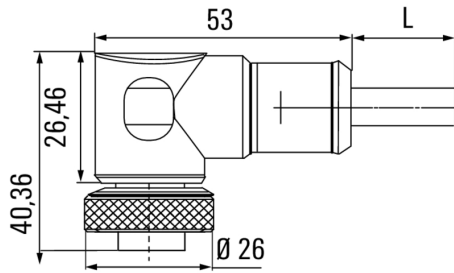
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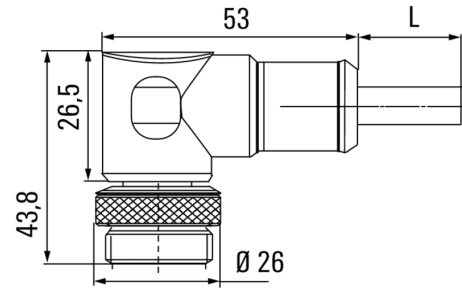
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Drawings

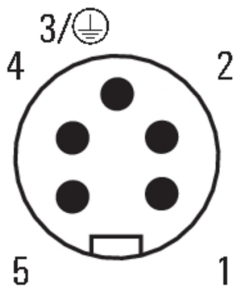
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram

