

**SAIL-7/8G7/8G-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, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2519450100</a>
Type	SAIL-7/8G7/8G-5-1.0U
GTIN (EAN)	4050118533514
Qty.	1 pc(s).

Creation date March 17, 2023 8:53:25 AM CET

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

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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 <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, straight - socket, straight	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

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

Approvals



ROHS Conform

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**Data sheet**

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**Technical data**

**Downloads**

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Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Data sheet**

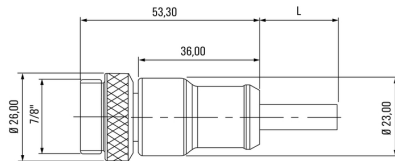
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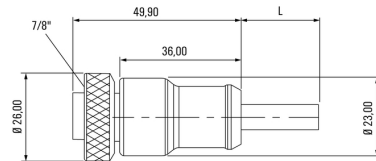
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**Drawings**

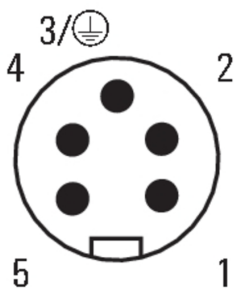
**Dimensioned drawing**



**Pole scheme**



**Pole scheme**



**Wiring diagram**

