

**SAIL-7/8G7/8G-5-0.5U****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 : 5 (4 + PE), 0.5 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2519450050</a>
Type	SAIL-7/8G7/8G-5-0.5U
GTIN (EAN)	4050118533880
Qty.	1 pc(s).

Creation date June 6, 2024 11:55:58 AM CEST

Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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

Net weight	90 g
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**Technical specifications for cable**

Bending radius, min., moving	7.5 x cable diameter	Cable length	0.5 m
Colour coding	brown, white, blue, black, Green/yellow	Configurable cable length	No
Core cross-section	1.5 mm <sup>2</sup>	Halogen	No
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 material	CuZn	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 impulse voltage	2,500 V
Rated voltage	300 V	Rated voltage (UL)	600 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
Volume resistance	≤3 mΩ		

**Plug, left**

Plug left	IP68, male contact, straight, Plastic, unshielded
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**Plug, right**

Plug right	IP68, female contact, straight, Plastic, unshielded
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ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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	ECLASS 13.0	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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**Downloads**

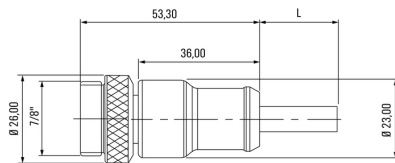
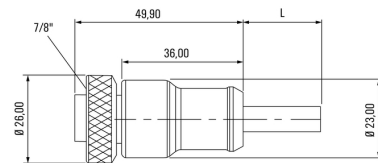
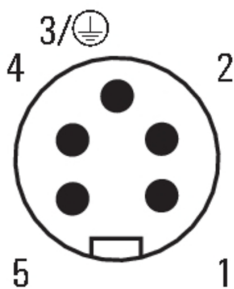
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Drawings**
**Dimensioned drawing**

**Pole scheme**

**Pole scheme**

**Wiring diagram**
