

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.	2519450100
Type	SAIL-7/8G7/8G-5-1.0U
GTIN (EAN)	4050118533514
Qty.	1 pc(s).

Creation date March 29, 2021 6:30:13 PM CEST

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

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Technical data**Dimensions and weights**

Net weight	100 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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	
Housing main material	PUR	
Insulation	TPM	
Number of poles	5	
Number of poles	5 (4 + PE)	
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	
Outer diameter	8.7 mm	
Outside diameter	Diameter	8.7 mm
	Signs	±
	Tolerance	0.2 mm
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	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 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	-25...+80 °C
Threaded ring material	Diecast zinc	Tightening torque	7/8": 1.5 Nm
Version	pin, straight - socket, straight	jumpered	No

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www.weidmueller.com**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

ROHS	Conform
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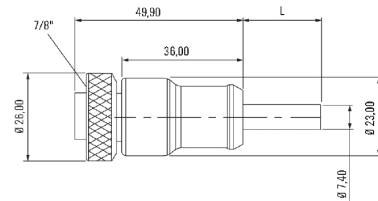
www.weidmueller.com

Drawings

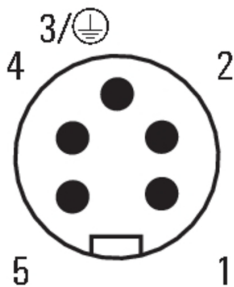
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram

