

## SAIL-7/8BG-5-8.5U

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

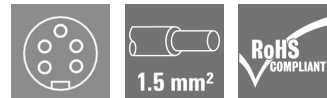
D-32758 Detmold

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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

Type	SAIL-7/8BG-5-8.5U
Order No.	<a href="#">1292190850</a>
Version	Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 8.5 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118623956
Qty.	1 pc(s).

Creation date May 3, 2020 12:07:54 AM CEST

Catalogue status 17.04.2020 / 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**

Number of poles	5 (4 + PE)	Core cross-section	1.5 mm <sup>2</sup>
Outside diameter	8.7 mm ± 0.2 mm	Cable length	8.5 m
Shielded	No	Insulation	TPM
Colour coding	brown, white, blue, black, Green/yellow	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-20...80 °C	Temperature range, stationary	-50...80 °C
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Suitable for cable carriers	No
Torsion resistance	0 °/m	Bending radius, min., moving	7.5 x cable diameter
Resistant to welding beads	No	Configurable cable length	No

**General technical data**

Connection thread	7/8"	Housing main material	PUR
Threaded ring material	Diecast zinc	Coding	none
Protection degree	IP68, when screwed in	Contact surface	Au (Gold)
LED	No	Rated voltage	300 V
Rated current	9 A	Insulation strength	10 <sup>8</sup> Ω
Temperature range of housing	-25...+80 °C	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

**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		

**Approvals**

ROHS Conform

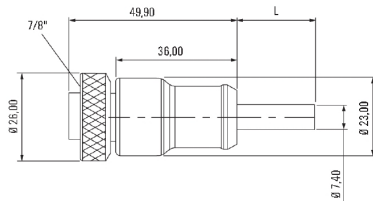
**Data sheet**

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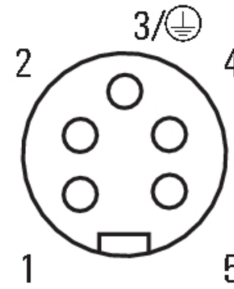
**Drawings**

**Dimensioned drawing**



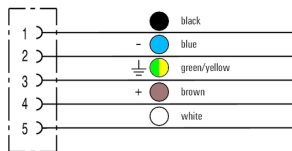
Straight socket

**Pole scheme**



Socket

**Wiring diagram**



**The ideal tool: Screwty® 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