

## SAIL-7/8BG-3-5.0U

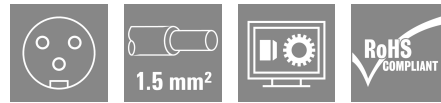
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



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, One end without connector, 7/8", Number of poles : 3 (2 + PE), 5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1292100500</a>
Type	SAIL-7/8BG-3-5.0U
GTIN (EAN)	4050118089196
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E307231

## Dimensions and weights

Net weight	250 g
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## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

## Technical specifications for cable

Cable length	5 m	Sheathing colour	black
PE function	Yes	Suitable for cable carriers	Yes
Core cross-section	1.5 mm <sup>2</sup>	Shielded	No
Halogen	No	Insulation	TPM
Bending radius, min., moving	7.5 x cable diameter	Bending cycles	5 Mio
Sheath material	PUR	Configurable cable length	No
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Irradiation crosslinked	No
Welding spark resistance	No	Colour coding	blue, brown, Green/yellow
Torsion resistance	0 °/m	Temperature range, stationary	-50...80 °C
Resistant to welding beads	No	Temperature range, moving	-20...80 °C
Number of poles	3 (2 + PE)	Outside diameter	7.4 mm ± 0.2 mm

## General technical data

Coding	none	Connection thread	7/8"
Contact surface	Au (Gold)	LED	No
Version	Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Contact material	CuZn
Nominal voltage	300 V	Nominal current	12 A
Protection degree	IP68, when screwed in	Plugging cycles	≥ 100
Pollution severity	3	jumped	No
Rated impulse voltage	2500 V	Rated voltage (UL)	600 V
Threaded ring material	Diecast zinc	Temperature range of housing	-40 ... +85 °C

## Electrical properties

Volume resistance	≤3 mΩ	Insulation resistance	108 Ω
Nominal voltage	300 V	Rated current	9 A (4- and 5-pole), 12 A (3-pole)

## General standards

Certificate no. (cULus)	E307231
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**Technical data****Plug, left**

Plug left	7/8", IP68, female contact, straight, Plastic, unshielded
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**Plug, right**

Plug right	free conductor end
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**Classifications**

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

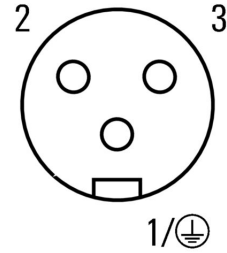
Drawings

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

