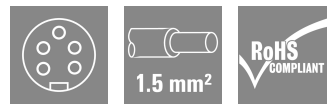


**SAIL-7/8BG-5-8.5U****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

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

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Net weight 500 g

## Environmental Product Compliance

RoHS Compliance Status Compliant  
REACH SVHC Lead 7439-92-1  
SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

## Technical specifications for cable

Cable length	8.5 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	brown, white, blue, black, 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	5 (4 + PE)	Outside diameter	8.7 mm ± 0.2 mm

## General technical data

Coding	none	Connection thread	7/8"
Contact surface	Au (Gold)	LED	No
Housing main material	PUR	Insulation resistance	108 Ω
Contact material	CuZn	Nominal voltage	300 V
Nominal current	9 A	Protection degree	IP68, when screwed in
Plugging cycles	≥ 100	Pollution severity	3
jumpered	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		

## Plug, left

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

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

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

## Technical data

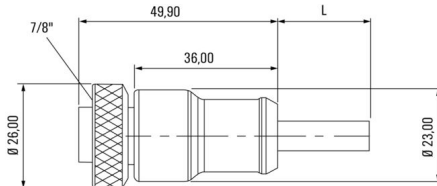
### Plug, right

Plug right	free conductor end
------------	--------------------

### 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		

**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

