

## SAIL-M8BG-4S10U

**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.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Our sensor cables come with 360° shielding which provides protection against electromagnetic interference.

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, M8, Number of poles : 4, 10 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1906611000</a>
Type	SAIL-M8BG-4S10U
GTIN (EAN)	4032248530373
Qty.	1 items

## SAIL-M8BG-4S10U

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

Net weight 400 g

## 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	10 m	Sheathing colour	black
Suitable for cable carriers	Yes	Core cross-section	0.34 mm <sup>2</sup>
Shielded	Yes	Halogen	No
Insulation	PP	Acceleration	5 m/s <sup>2</sup>
Bending radius, min., moving	12 x conductor cross-section	Bending radius, min., stationary	5 x cable diameter
Bending cycles	2 Mio	Resistance to spread of flame	in accordance with IEC 60332-2
Speed	100 m/s	Sheath material	PUR
Configurable cable length	No	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	brown, black, blue, white	Torsion resistance	0 °/m
Temperature range, stationary	-40...80 °C	Resistant to welding beads	No
Temperature range, moving	-25...80 °C	Number of poles	4
Outside diameter	5.1 mm ± 0.2 mm		

## General technical data

Coding	A-coded	Connection thread	M8
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	30 V
Nominal current	4 A	AF size	9 mm
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No
Threaded ring material	Diecast zinc	Temperature range of housing	-25...+85 °C
Tightening torque	M8: 0.6 Nm		

## Electrical properties

Insulation resistance	108 Ω	Nominal voltage	30 V
-----------------------	-------	-----------------	------

**SAIL-M8BG-4S10U**

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

www.weidmueller.com

**Technical data**

**General standards**

Connector standard	IEC 61076-2-104	Certificate no. (cULus)	E307231
--------------------	-----------------	-------------------------	---------

**Standards**

Connector standard	IEC 61076-2-104
--------------------	-----------------

**Plug, left**

Plug left	M8, IP67, female contact, straight, Plastic, shielded
-----------	---

**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		

**SAIL-M8BG-4S10U**

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

www.weidmueller.com

**Drawings**

**Dimensioned drawing**



**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

