

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com















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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.

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**

Sensor/actuator line, One end without connector, M8, Number of poles: 4, 10 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
<u>1906571000</u>
SAIL-M8G-4S10U
4032248530212
1 items



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## **Technical data**

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ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate no. (cULus)	E307231

### **Dimensions and weights**

Net weight 100 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**

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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	-4080 °C	Resistant to welding beads	No
Temperature range, moving	-2580 °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	pin, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	30 V
Nominal current	4 A	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	

Creation date 30.11.2025 07:56:00 MEZ

Catalogue status / Drawings 2





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# **Technical data**

General standards			
Connector standard	IEC 61076-2-104	Certificate no. (cULus)	E307231
Standards			
Connector standard	IEC 61076-2-104		
Plug, left	<u> </u>		
Plug left	M8, IP69, male contact,		
	straight, Plastic, shielded		
Plug, right			
Plug right	free conductor end		
Classifications			·
ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Catalogue status / Drawings



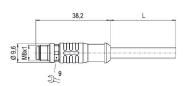
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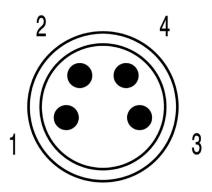
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## **Drawings**

#### **Dimensioned drawing**



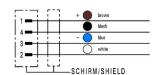
#### Pole scheme



Male

## 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

**Data sheet** 

## **SAIL-M8G-4S10U**



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**Drawings**