

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

Version	Sensor/actuator line, One end without connector, M8, Number of poles: 4, 3 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<u>1906630300</u>
Туре	SAIL-M8BW-4S3.0U
GTIN (EAN)	4032248530434
Qty.	1 items



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Technical data

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

Dimensions and weights

Net weight 130 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	3 m	Sheathing colour	black
Suitable for cable carriers	Yes	Core cross-section	0.34 mm ²
Shielded	Yes	Halogen	No
Insulation	PP	Acceleration	5 m/s ²
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	Socket, angled	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

Creation date 30.11.2025 11:02:08 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			
Plug left	M8, IP67, female contact, angled 90°, 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



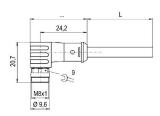
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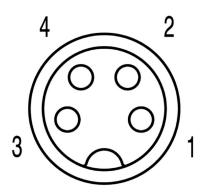
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Drawings

Dimensioned drawing



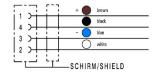
Pole scheme



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

Data sheet

SAIL-M8BW-4S3.0U



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Drawings