

SAIL-M8WM8W-3-1.0V

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.

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.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Version	Sensor/actuator line, M8 / M8, Number of poles : 3, 1 m, pin, 90° - socket 90°, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1927210100
Type	SAIL-M8WM8W-3-1.0V
GTIN (EAN)	4032248840724
Qty.	1 items

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Technical data**Approvals**

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

Dimensions and weights

Net weight 35 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP 1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length	1 m	Sheathing colour	black
Halogen	Yes	Sheath material	PVC
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Irradiation crosslinked	No
Colour coding	brown, blue, black	Temperature range, stationary	-30...80 °C
Temperature range, moving	-5...80 °C	Number of poles	3
Outside diameter	4.5 mm ± 0.2 mm		

General technical data

Coding	A-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	LED	No
Version	pin, 90° - socket 90°	Insulation resistance	108 Ω
Nominal voltage	250 V	Nominal current	4 A
Protection degree jumpered	IP69, IP65, IP66	Plugging cycles	≥ 100
Temperature range of housing	-25...+85 °C	Threaded ring material	Brass, nickel-plated
		Tightening torque	M8: 0.5 - 0.6 Nm

Electrical properties

Insulation resistance 108 Ω Nominal voltage 250 V

General standards

Certificate no. (cULus) E307231

Plug, left

Plug left M8, IP69, male contact, angled 90°, Plastic, unshielded

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Technical data**Plug, right**

Plug right	M8, IP69, female contact, angled 90°, Plastic, unshielded
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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		

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Drawings

Dimensioned drawing



Male, angled

Dimensioned drawing



Angled socket

Pole scheme



Male

Pole scheme



Socket

Drawings

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