

SAIL-M8WM8W-4S10U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

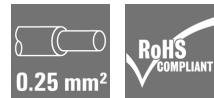
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Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be 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.

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

General ordering data

Type	SAIL-M8WM8W-4S10U
Order No.	2443 151000
Version	Sensor/actuator line, M8, Number of poles : 4, 10 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118457117
Qty.	1 pc(s).

Creation date May 2, 2020 3:11:39 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 425 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Number of poles	4	Core cross-section	0.34 mm ²
Outside diameter	5.1 mm ± 0.2 mm	Cable length	10 m
Shielded	Yes	Insulation	PP
Colour coding	brown, black, blue, white	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Suitable for cable carriers	Yes
Torsion resistance	0 °/m	Bending radius, min., stationary	5 x cable diameter
Bending radius, min., moving	12 x conductor cross-section	Acceleration	5 m/s ²
Speed	100 m/min	Bending cycles	250.000
Resistant to welding beads	No	Configurable cable length	No
Resistance to spread of flame	in accordance with IEC 60332-2		

General technical data

Connection thread	M8	Housing main material	PUR
Threaded ring material	Diecast zinc	Coding	none
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	30 V
Rated current	4 A	Insulation strength	10 ⁸ Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M8: 0.5 - 0.6 Nm
Plugging cycles jumpered	≥ 100	Pollution severity	3
	No		

Standards

Certificate no. (cULus) E307231

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11
eClass 10.0	27-06-03-11		

Approvals

Approvals



ROHS

Conform

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Data sheet

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Technical data

Downloads

Brochure/Catalogue [FL FIELDWIRING EN](#)

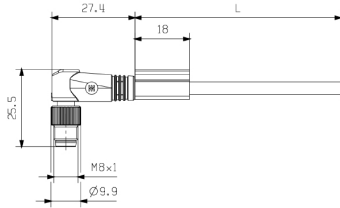
Data sheet

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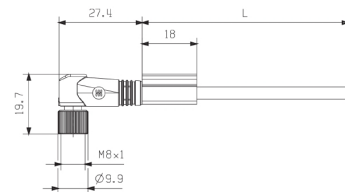
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Drawings

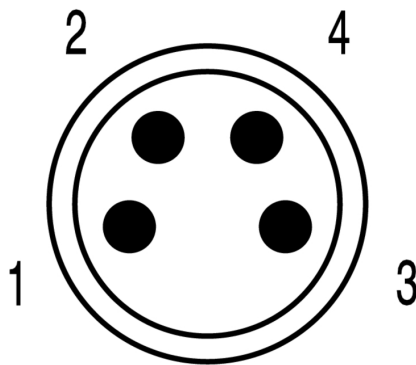
Dimensioned drawing



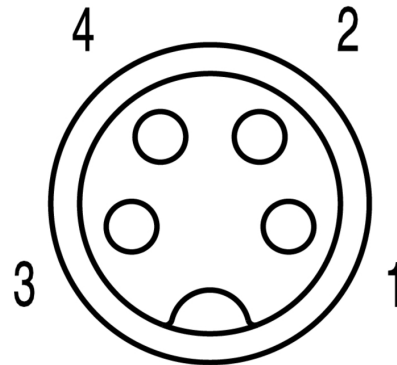
Dimensioned drawing



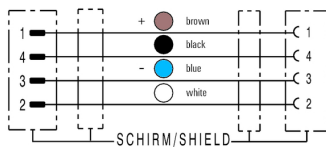
Pole scheme



Pole scheme



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