SAIL-M8WM8W-4S10U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	SAIL-M8WM8W-4S10U
Order No.	2443151000
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).

SAIL-M8WM8W-4S10U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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 mm²
Outside diameter	5.1 ± 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/s²
Speed	100 m/min	Bending cycles	250.000
Resistant to welding beads	No	Hybrid cable	No
Irradiation crosslinked	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...+85 °C	Tightening torque	M8: 0.5 - 0.6 Nm
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

Classifications

ETIM 6.0	EC001855	eClass 6.2	27-06-91-90
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

Approvals

ROHS	Conform

Downloads

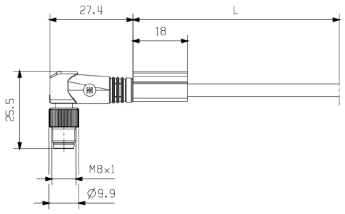
Brochure/Catalogue	FL FIELDWIRING EN

SAIL-M8WM8W-4S10U

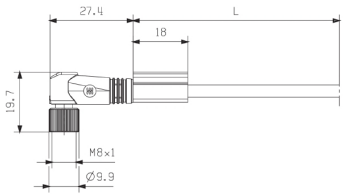
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

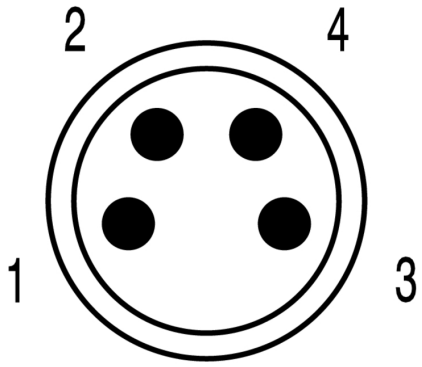
Dimensioned drawing



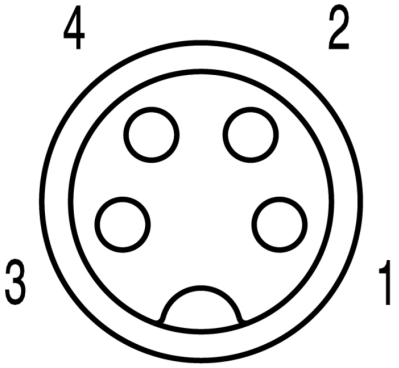
Dimensioned drawing



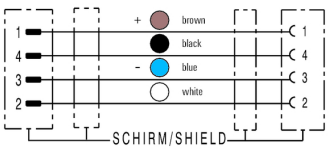
Pole scheme



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

Creation date May 27, 2019 4:56:38 PM CEST