

## SAIL-M8WM8W-4S5.0U

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

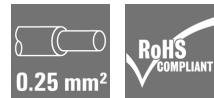
D-32758 Detmold

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-4S5.0U
Order No.	<a href="#">2443 150500</a>
Version	Sensor/actuator line, M8, Number of poles : 4, 5 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118457049
Qty.	1 pc(s).

Creation date May 2, 2020 3:12:39 PM CEST

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

**SAIL-M8WM8W-4S5.0U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**Technical data****Dimensions and weights**

Net weight 216 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Number of poles	4	Core cross-section	0.34 mm <sup>2</sup>
Outside diameter	5.1 mm ± 0.2 mm	Cable length	5 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 <sup>2</sup>
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 <sup>8</sup> 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

Creation date May 2, 2020 3:12:39 PM CEST

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

2

**Data sheet**

**SAIL-M8WM8W-4S5.0U**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Technical data**

**Downloads**

Brochure/Catalogue [FL FIELDWIRING EN](#)

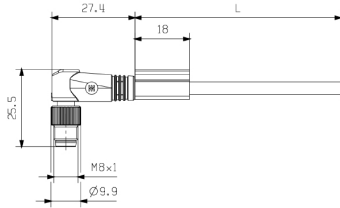
**Data sheet**

**SAIL-M8WM8W-4S5.0U**

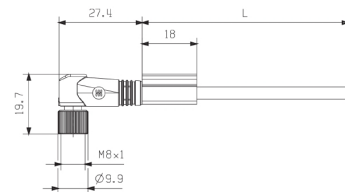
**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Drawings**

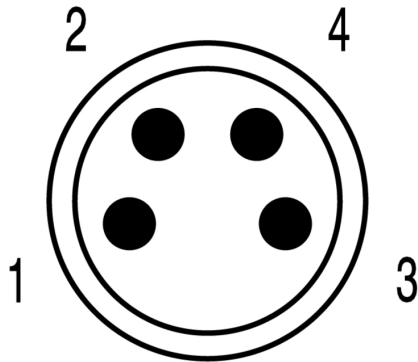
**Dimensioned drawing**



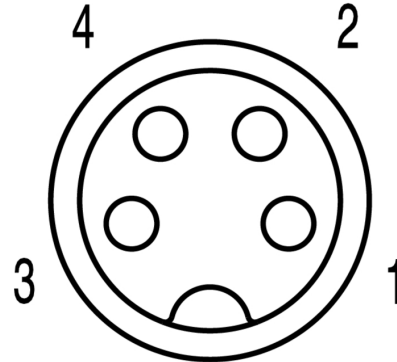
**Dimensioned drawing**



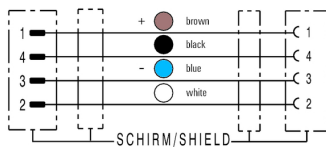
**Pole scheme**



**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