SAIL-M8GM8WR-4-5.0V

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, Connecting line, M8 / M8, Number of poles : 4, 5 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1948690500
Type	SAIL-M8GM8WR-4-5.0V
GTIN (EAN)	4032248625895
Qty.	1 pc(s).

Creation date March 26, 2021 1:40:06 PM CET

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Technical data

Dimensions and weights

Net weight	180 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Cable length	5 m	
Colour coding	brown, white, blue, black	
Configurable cable length	No	
Core cross-section	0.25 mm²	
Halogen	Yes	
Housing main material	PUR	
Insulation	PVC	
Number of poles	4	
Number of poles	4	
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	
Outer diameter	4.8 ± 0.2 mm	
Outside diameter	Diameter	4.8 mm
	Signs	±
	Tolerance	0.2 mm
Outside diameter	4.8 mm ± 0.2 mm	
Resistant to welding beads	No	
Sheath material	PVC	
Sheathing colour	black	
Shielded	No	
Suitable for cable carriers	No	
Temperature range, moving	-5...80 °C	
Temperature range, moving, max.	80 °C	
Temperature range, moving, min.	-5 °C	
Temperature range, stationary	-30...80 °C	
Temperature range, stationary, max.	80 °C	
Temperature range, stationary, min.	-30 °C	
Torsion resistance	0 °/m	

General technical data

Coding	none	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10^8 Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, when screwed in	Rated current	4 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, straight - socket, 90°	jumpered	No

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	ECLASS 11.0	27-06-03-11

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	E307231

Downloads

Engineering Data	EPLAN, WSCAD

Weidmüller

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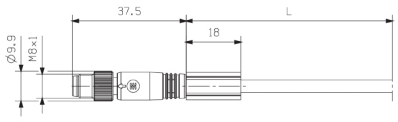
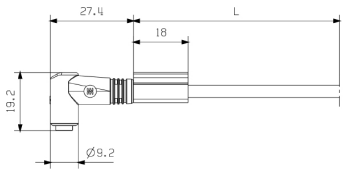
Drawings

Dimensioned drawing



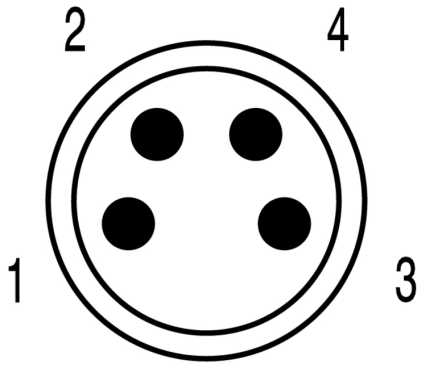
Male, straight

Dimensioned drawing



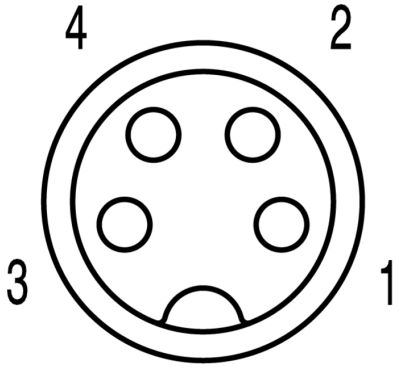
Angled socket

Pole scheme



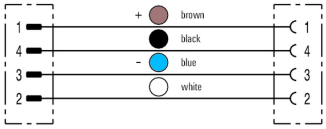
Male

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