

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com













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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

Version	Sensor/actuator line, Connecting line, M12 /
	M12, Number of poles: 4, 5 m, pin, 90° -
	socket 90°, Shielded: No, LED: No, Sheath
	material: PVC, Halogen: Yes
Order No.	<u>1925390500</u>
Туре	SAIL-M12WM12W-4-5.0V
GTIN (EAN)	4032248569953
Qty.	1 items





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Technical data

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Approvals	
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ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Dimensions and weights

Net weight 224 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

5 m	Sheathing colour	black
No	Core cross-section	0.34 mm ²
No	Halogen	Yes
PVC	Sheath material	PVC
Yes	Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)
No	Welding spark resistance	No
brown, white, blue, black	Torsion resistance	0 °/m
-3080 °C	Resistant to welding beads	No
-580 °C	Number of poles	4
5.3 mm ± 0.2 mm		
	No No PVC Yes No brown, white, blue, black -3080 °C -580 °C	No No No Halogen PVC Sheath material Outer cladding in accordance with UL AWM style No brown, white, blue, black -3080 °C Resistant to welding beads Number of poles

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, 90° - socket 90°	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	250 V
Nominal current	4 A	Protection degree	IP67, IP68, when fully mounted, IP65, IP66
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No	Threaded ring material	Diecast zinc
Temperature range of housing	-25+85 °C	Shock and vibration proof according to	Section B
Tightening torque	M12: 0.8 - 1.2 Nm		

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	250 V	
General standards				

Connector standard	IEC 61076-2-101	Certificate no. (cULus)	E307231	

Creation date 30.11.2025 09:58:41 MEZ

2 Catalogue status / Drawings





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Technical data

Standards			
Connector standard	IEC 61076-2-101	Shock and vibration proof according to	Section B
Plug, left			
Plug left	M12, A-coded, IP69,		
J	male contact, angled 90°, Plastic, unshielded		
Plug, right			
Plug right	M12, A-coded, IP69, female contact, angled		
	90°, Plastic, unshielded		
Classifications			
ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		
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Catalogue status / Drawings



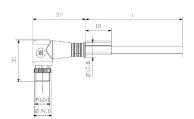
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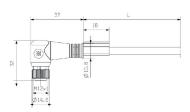
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Drawings

Dimensioned drawing



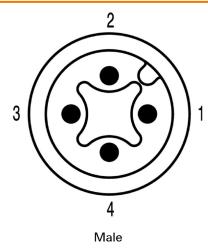
Dimensioned drawing



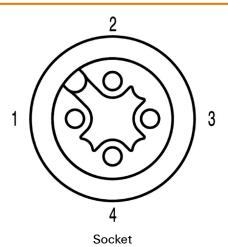
Male, angled

Angled socket

Pole scheme



Pole scheme







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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