

SAIL-M12WM12G-5-5.0V**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, M12 / M12, Number of poles : 5, 5 m, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	2503570500
Type	SAIL-M12WM12G-5-5.0V
GTIN (EAN)	4050118518634
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	250 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical specifications for cable

Cable length	5 m	
Colour coding	brown, white, blue, black, grey	
Configurable cable length	No	
Core cross-section	0.34 mm²	
Halogen	Yes	
Housing main material	PUR	
Insulation	PVC	
Number of poles	5	
Number of poles	5	
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	
Outer diameter	5.7 ± 0.2 mm	
Outside diameter	Diameter	5.7 mm
	Signs	±
	Tolerance	0.2 mm
Outside diameter	5.7 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

AF size	12 mm	Coding	A
Connection thread	M12 / M12	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 ⁸ Ω
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Rated current	4 A	Rated voltage	125 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Diecast zinc
Tightening torque	M12: 0.8 - 1.2 Nm	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

Creation date March 29, 2021 6:07:55 PM CEST

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Technical data

Approvals

ROHS

Conform

Downloads

Product Change Notification

[DE - Technische Änderung zu M12 Gewinding mit 6-Kant](#)

[EN - Technical change to M12 nut with additional hexagonal mounting](#)

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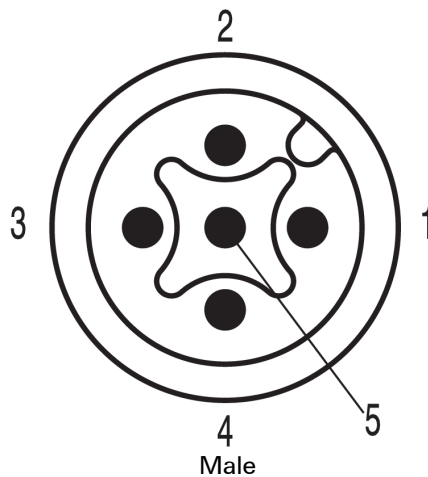
Drawings

Dimensioned drawing

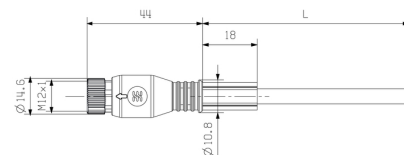


Male, angled

Pole scheme

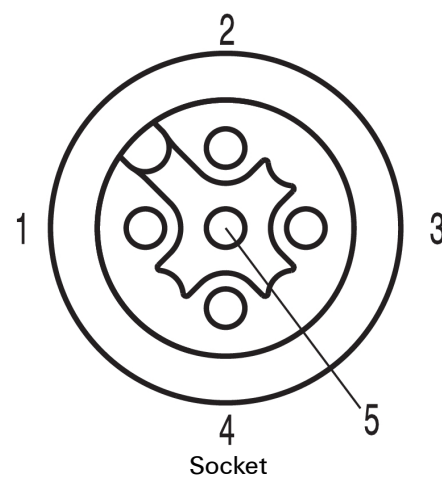


Dimensioned drawing

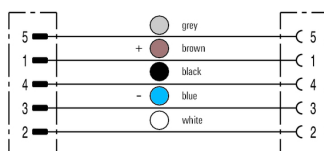


Straight socket

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