

## SAIL-M8GM12W-4-5.0V

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 / M12, Number of poles : 4, 5 m, pin, straight - socket, 90&deg;, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1938270500</a>
Type	SAIL-M8GM12W-4-5.0V
GTIN (EAN)	4032248612017
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 100 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

Cable length	5 m	Sheathing colour	black
Suitable for cable carriers	No	Core cross-section	0.25 mm <sup>2</sup>
Shielded	No	Halogen	Yes
Insulation	PVC	Sheath material	PVC
Configurable cable length	No	Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	brown, white, blue, black	Torsion resistance	0 °/m
Temperature range, stationary	-30...80 °C	Resistant to welding beads	No
Temperature range, moving	-5...80 °C	Number of poles	4
Outside diameter	4.8 mm ± 0.2 mm		

### General technical data

Coding	A-coded	Connection thread	M8 / M12
Contact surface	Gold-plated	LED	No
Version	pin, straight - socket, 90°	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	30 V
Nominal current	4 A	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Plugging cycles jumpered	≥ 100	Pollution severity	3
Temperature range of housing	-25...+85 °C	Threaded ring material	Diecast zinc
		Tightening torque	M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm

### Electrical properties

Insulation resistance	108 Ω	Nominal voltage	30 V
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### General standards

Connector standard	IEC 61076-2-101, IEC 61076-2-104
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**Technical data**

**Standards**

Connector standard IEC 61076-2-101, IEC 61076-2-104

**Plug, left**

Plug left M8, IP69, male contact, straight, Plastic, unshielded

**Plug, right**

Plug right M12, A-coded, IP69, female contact, angled 90°, Plastic, unshielded

**Classifications**

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

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**Drawings**

**Dimensioned drawing**



Male, straight

**Dimensioned drawing**



Angled socket

**Pole scheme**



Male

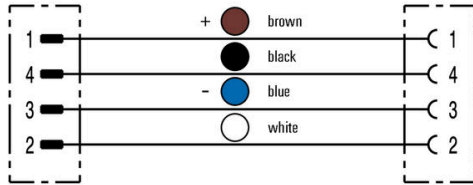
**Pole scheme**



Socket

# 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