

**SAIL-M8GM8G-3-0.1V****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 : 3, 0.1 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1927150010</a>
Type	SAIL-M8GM8G-3-0.1V
GTIN (EAN)	4050118561418
Qty.	1 pc(s).

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

Net weight	13 g
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**Technical specifications for cable**

Cable length	0.1 m	Colour coding	brown, blue, black
Configurable cable length	No	Core cross-section	0.25 mm <sup>2</sup>
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	3
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	4.5 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, stationary	-30...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

**General technical data**

Coding	A-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP66	Rated current	4 A
Rated voltage	60 V	Temperature range of housing	-25...+85 °C
Threaded ring material	Brass, nickel-plated	Version	pin, straight - socket, straight
jumpered	No		

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	60 V
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**Plug, left**

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

Plug right	M8, IP69, female contact, straight, Plastic, unshielded
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**Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

REACH SVHC

Lead 7439-92-1

SCIP

1c533b66-fcff-4da5-b89f-fd55fbf5cb55

**Approvals**

Approvals



ROHS

Conform

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## Drawings

## Dimensioned drawing



Male, straight

## Pole scheme



Male

## Wiring diagram



## Dimensioned drawing



Straight socket

## Pole scheme



Socket

## 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