

**SAIL-M8G-4-0.5V****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, One end without connector, M8, Number of poles : 4, 0.5 m, pin, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1927250050</a>
Type	SAIL-M8G-4-0.5V
GTIN (EAN)	4050118593167
Qty.	1 pc(s).

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

Net weight	22 g
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**Technical specifications for cable**

Cable length	0.5 m	Colour coding	brown, white, 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	4
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	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, stationary	-30...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

**General technical data**

Coding	A-coded	Connection thread	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	30 V	Temperature range of housing	-25...+85 °C
Threaded ring material	Brass, nickel-plated	Version	pin, straight
jumpered	No		

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	30 V
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**General standards**

Certificate no. (cULus)	E307231
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**Plug, left**

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

Plug right	free conductor end
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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	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Approvals**

Approvals



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

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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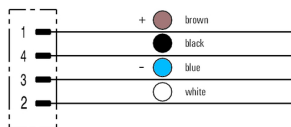
## Drawings

### Dimensioned drawing



Male, straight

### Wiring diagram



### Pole scheme



Male

### The ideal tool: Screwty<sup>®</sup> 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