

**SAIL-M12BG-12-5.0U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

Order No.	<a href="#">1879710500</a>
Type	SAIL-M12BG-12-5.0U
Version	Sensor/actuator line, One end without connector, M12, No. of poles: 12, 5 m, Female socket, straight, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248478934
Qty.	1 pc(s).

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

Net weight	214 g
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**Technical specifications for cable**

No. of poles	12	Core cross-section	0.14 mm <sup>2</sup>
shielded	No	Insulation	PP
Colour coding	Yellow, Pink, grey / pink, Green, White, Blue, Violet, Brown, Red, Grey, red / blue, Black	Sheath material	PUR
Sheathing colour	Black	Outer diameter	5.6 ± 0.2 mm
Cable length	5 m	Temperature range, moving, min.	-25 °C
Temperature range, moving, max.	80 °C	Temperature range, stationary, min.	-40 °C
Temperature range, stationary, max.	80 °C	Halogen	No
Suitable for cable carriers	Yes	Torsion resistance	180 °/m
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s <sup>2</sup>	Speed	200 m/min
Bending cycles	1 mill.	Resistant to welding beads	No

**General technical data**

Version	Female socket, straight	Contact tube diameter	M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP 67
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	1.5 A
Insulation resistance	10 <sup>8</sup> Ω	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

**Classifications**

ETIM 2.0	EC000304	ETIM 3.0	EC001855
UNSPSC	26-12-16-13	eClass 4.1	27-06-00-00
eClass 5.1	27-06-91-90	eClass 6.2	27-27-92-18
eClass 7.1	27-06-91-90		

**Approvals**

ROHS	Conform
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**Drawings**

