

SAIL-M12BG-8-5.0U

Weidmüller Interface GmbH & Co. KG

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Germany

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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.	1865870500
Type	SAIL-M12BG-8-5.0U
Version	Sensor/actuator line, One end without connector, M12, No. of poles: 8, 5 m, Female socket, straight, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248434855
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 242 g

Technical specifications for cable

No. of poles shielded	8 No	Core cross-section	0.25 mm ²
Colour coding	Blue, Red, White, Brown, Green, Yellow, Grey, Pink	Insulation	PP
Sheathing colour	Black	Sheath material	PUR
Cable length	5 m	Outer diameter	5.9 ± 0.2 mm
Temperature range, moving, max.	80 °C	Temperature range, moving, min.	-25 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40 °C
Suitable for cable carriers	Yes	Halogen	No
Bending radius, min., stationary	5 x cable diameter	Torsion resistance	180 °/m
Acceleration	5 m/s ²	Bending radius, min., moving	10 x cable diameter
Bending cycles	1 mill.	Speed	200 m/min
		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	2 A
Insulation resistance	10 ⁸ 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

Data sheet...

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Drawings

