SAIP-M8BG-4-3.0U



Weidmüller Interface GmbH & Co. KG

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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.

The M8 and M12 sensor-actuator cables are supplied as standard with brass nickel-plated nuts. However if you are looking to use our products in an extremely harsh environment, we can also supply a variant with a plastic nut. This enables use in environments where cables with nickel-plated M8 and M12 nuts would rust.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Туре	SAIP-M8BG-4-3.0U
Order No.	<u>1382990300</u>
Version	Sensor/actuator line, One end without connector, M8, No. of poles: 4, 3 m, Female socket, straight, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118191882
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	80 g				
Technical specifications for cable					

No. of poles	4	Core cross-section	0.25 mm ²
shielded	No	Insulation	TPM
Colour coding	Brown, White, Blue, Black	Sheath material	PUR
Sheathing colour	Black	Outer diameter	4.4 ± 0.2 mm
Cable length	3 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/s²	Speed	200 m/min
Bending cycles	5 Mio	Resistant to welding beads	No

General technical data

Version	Female socket, straight	Contact tube diameter	M8
Housing main material	PUR	Threaded ring material	Plastic
Coding		Protection degree	IP 65, IP 66, IP 67, IP 68,
	none		(when screwed in)
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	4 A
Insulation resistance	10 ⁸ Ω	Temperature range of housing	-25+85 °C
Tightening torque	M8: 0.5 - 0.6 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Classifications

eClass 6.2

27-27-92-18

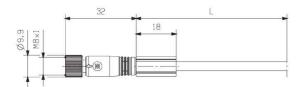


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Drawings





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