## SAIP-M12BW-3-3.0U



#### 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-M12BW-3-3.0U
Order No.	<u>1108770300</u>
Version	Sensor/actuator line, One end without connector, M12, No. of poles: 3, 3 m, bush, 90°, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248888368
Qty.	1 pc(s).

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# **Technical data**



#### Weidmüller Interface GmbH & Co. KG

200 m/min

No

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Dim	nensi	ions	and	wei	ights	

Net weight	106 g		
Technical specifications for o	cable		
No. of poles	3	Core cross-section	0.34 mm <sup>2</sup>
shielded	No	Insulation	TPM
Colour coding	Brown, Blue, Black	Sheath material	PUR
Sheathing colour	Black	Outer diameter	4.3 ± 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

Speed

Resistant to welding beads

5 m/s<sup>2</sup>

5 Mio

#### **General technical data**

Acceleration

Bending cycles

Version	bush, 90°	Contact tube diameter	M12
Housing main material	PUR	Threaded ring material	Plastic
Coding	A	Protection degree	IP 65, IP 66, IP 67, IP 68, (when screwed in)
Contact surface	Gold-plated	LED	No
Rated voltage	250 V	Rated current	4 A
Insulation resistance	10 <sup>8</sup> Ω	Temperature range of housing	-25+85 °C
Tightening torque	M12 (plastic): 0.9 - 1.1 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

#### Classifications

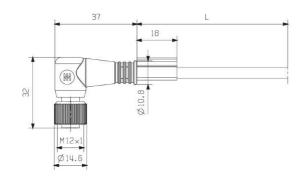
ETIM 3.0	EC000830	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90		

#### Approvals

Approvals	
ROHS	Conform

## SAIP-M12BW-3-3.0U

## Drawings





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