## SAIP-M12BW-4-3.0V



#### 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.

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-4-3.0V		
Order No.	<u>1465990300</u>		
Version	Sensor/actuator line, One end without connector, M12, No. of poles: 4, 3 m, bush, 90°, shielded: No, LED: No, Sheath material: PVC, Halogen: Yes		
GTIN (EAN)	4050118274936		
Qty.	1 pc(s).		

## SAIP-M12BW-4-3.0V

# **Technical data**

**Dimensions and weights** 



### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Net weight	300 g		
Technical specifications for	cable		
-			
No. of poles	4	Core cross-section	0.34 mm²
shielded	No	Insulation	PVC
Colour coding	Brown, White, Blue, Black	Sheath material	PVC
Sheathing colour	Black	Outer diameter	5.3 ± 0.2 mm
Cable length	3 m	Temperature range, moving, min.	-5 °C
Temperature range, moving, max.	80 °C	Temperature range, stationary, min.	-30 °C
Temperature range, stationary, max.	80 °C	Halogen	Yes
Suitable for cable carriers	No	Torsion resistance	0 °/m
Resistant to welding beads	No		
Version	bush, 90°	Contact tube diameter	M12
	,		
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	А	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: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No
Classifications			
eClass 6.2	27-06-91-90		
	27-00-91-90		

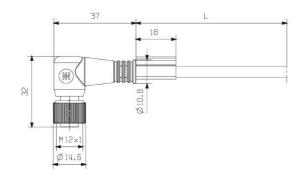
Approvals

ROHS

Conform

## SAIP-M12BW-4-3.0V

## Drawings





### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

