

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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

Version	Sensor/actuator line, One end without connector, M12 / M8, Number of poles : 4, 30 m, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1927323000</u>
Туре	SAIL-M8BW-3-30V
GTIN (EAN)	4050118486063
Qty.	1 pc(s).



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# **Technical data**

## **Dimensions and weights**

Net weight 712 g

### **Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

## **Technical specifications for cable**

Cable length	30 m	
Colour coding	brown, blue, black	
Configurable cable length	No	
Core cross-section	0.25 mm <sup>2</sup>	
Halogen	Yes	
Housing main material	PUR	
Insulation	PVC	
Number of poles	4	
Number of poles	4	
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	
Outer diameter	$4.5 \pm 0.2 \text{ mm}$	
Outside diameter	$4.5~\mathrm{mm}\pm0.2~\mathrm{mm}$	
Outside diameter	Diameter	4.5 mm
	Signs	±
	Tolerance	0.2 mm
Resistant to welding beads	No	
Sheath material	PVC	
Sheathing colour	black	
Shielded	No	
Suitable for cable carriers	No	
Temperature range, moving	-580 °C	
Temperature range, moving, max.	80 °C	
Temperature range, moving, min.	-5 ℃	
Temperature range, stationary	-3080 °C	
remperature range, stationary		
Temperature range, stationary, max.	80 °C	
	80 °C -30 °C	

### **General technical data**

Coding	none	Connection thread	M12 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Rated current	4 A	Rated voltage	60 V
Temperature range of housing	-25+80 °C	Threaded ring material	Brass, nickel-plated
jumpered	No		

### Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ECLASS 9.0	27-06-03-11	ECLASS 9.1	27-06-03-11
ECLASS 10.0	27-06-03-11	ECLASS 11.0	27-06-03-11



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# **Technical data**

## **Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

### **Downloads**

Engineering Data	<u>STEP</u>	



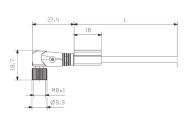
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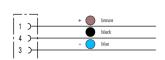
## **Drawings**

## **Dimensioned drawing**

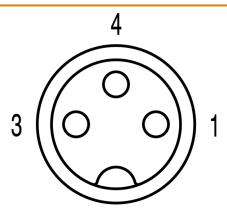


Angled socket

### Wiring diagram



### Pole scheme



Socket

The ideal tool: Screwty ® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F