

## SAIL-M16BW-12-5.0U

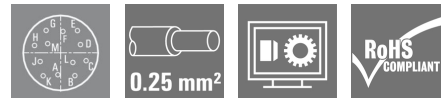
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.

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, M16, Number of poles: 12, 5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes
Order No.	<a href="#">1259010500</a>
Type	SAIL-M16BW-12-5.0U
GTIN (EAN)	4050118146745
Qty.	1 pc(s).

Creation date March 23, 2021 12:53:00 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Net weight 385 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical specifications for cable

Bending radius, min., moving	15 x cable diameter	
Bending radius, min., stationary	8 x cable diameter	
Cable length	5 m	
Colour coding	white, brown, green, yellow, grey, pink, blue, red, black, violet, grey / pink, red / blue	
Core cross-section	0.25 mm <sup>2</sup>	
Halogen	Yes	
Housing main material	PUR	
Insulation	PVC	
Number of poles	12	
Number of poles	12	
Outer diameter	7.0 ± 0.2 mm	
Outside diameter	7 mm ± 0.2 mm	
Outside diameter	Diameter	7 mm
	Signs	±
	Tolerance	0.2 mm
Resistant to welding beads	No	
Sheath material	PUR	
Sheathing colour	black	
Shielded	No	
Suitable for cable carriers	No	
Temperature range, moving	-5...70 °C	
Temperature range, moving, max.	70 °C	
Temperature range, moving, min.	-5 °C	
Temperature range, stationary	-25...70 °C	
Temperature range, stationary, max.	70 °C	
Temperature range, stationary, min.	-25 °C	
Torsion resistance	0 °/m	

### General technical data

Connection thread	M16	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 <sup>12</sup> Ω
LED	No	Plugging cycles	≥ 500
Pollution severity	1	Protection degree	IP67
Rated current	3 A	Rated voltage	60 V
Temperature range of housing	-25 ... +70 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M16: 0.6 Nm	Version	Socket, angled
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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**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Engineering Data

[EPLAN, WSCAD](#)

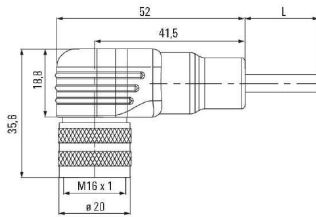
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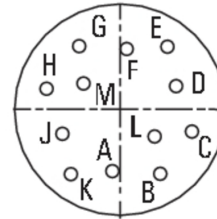
**Drawings**

**Dimensioned drawing**



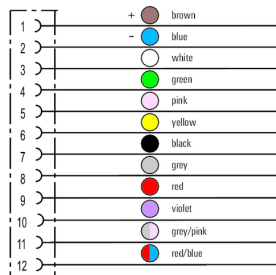
Angled socket

**Pole scheme**



Socket

**Wiring diagram**



**The ideal tool: Screwty<sup>®</sup> 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