

SAIL-M16BW-12-10U**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.

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, 10 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes
Order No.	1259011000
Type	SAIL-M16BW-12-10U
GTIN (EAN)	4050118146752
Qty.	1 pc(s).

Creation date March 23, 2021 12:53:05 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	711 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical specifications for cable

Bending radius, min., moving	15 x cable diameter	
Bending radius, min., stationary	8 x cable diameter	
Cable length	10 m	
Colour coding	white, brown, green, yellow, grey, pink, blue, red, black, violet, grey / pink, red / blue	
Core cross-section	0.25 mm²	
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 ¹² 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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Technical data

Approvals

Approvals



ROHS

Conform

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Engineering Data

[EPLAN, WSCAD](#)

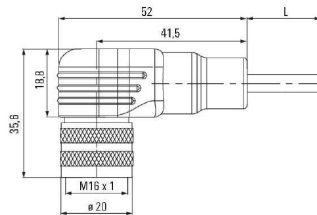
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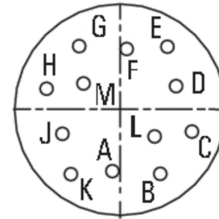
Drawings

Dimensioned drawing



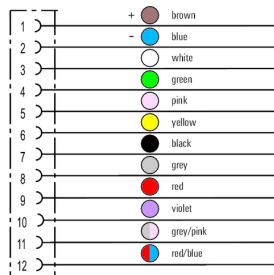
Angled socket

Pole scheme



Socket

Wiring diagram



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