

SAIL-M16BW-12-3.0U**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, 3 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes
Order No.	1259010300
Type	SAIL-M16BW-12-3.0U
GTIN (EAN)	4050118146691
Qty.	1 pc(s).

Creation date March 23, 2021 12:52:56 PM CET

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Technical data**Dimensions and weights**

Net weight	252 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	3 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](#)

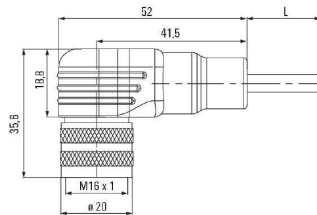
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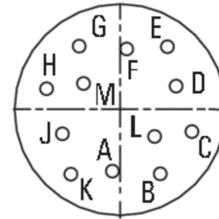
Drawings

Dimensioned drawing



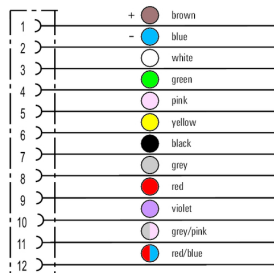
Angled socket

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