

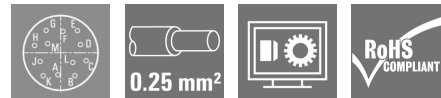
**SAIL-M16BW-12-3.0U****Weidmüller Interface GmbH & Co. KG**

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.	<a href="#">1259010300</a>
Type	SAIL-M16BW-12-3.0U
GTIN (EAN)	4050118146691
Qty.	1 pc(s).

Creation date March 16, 2023 3:46:39 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

## SAIL-M16BW-12-3.0U

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## Technical data

### Dimensions and weights

Net weight 252 g

### 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 mm <sup>2</sup>	Halogen	Yes
Insulation	PVC	Irradiation crosslinked	No
Number of poles	12	Outside diameter	7 mm ± 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, stationary	-25...70 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

### 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		

### Electrical properties

Insulation strength 10<sup>12</sup> Ω      Rated voltage 60 V

### Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	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	ECLASS 12.0	27-06-03-11

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1  
 SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Approvals

Approvals



ROHS Conform

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**Technical data****Downloads**

Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

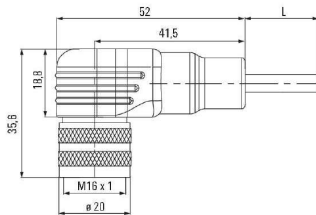
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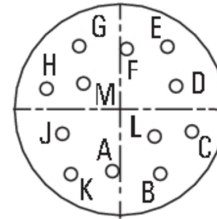
**Drawings**

**Dimensioned drawing**



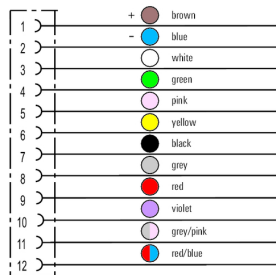
Angled socket

**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