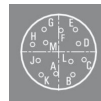


**SAIL-M16BW-12-1.5U****Weidmüller Interface GmbH & Co. KG**

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, 1.5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes
Order No.	<a href="#">1259010150</a>
Type	SAIL-M16BW-12-1.5U
GTIN (EAN)	4050118146769
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	153 g
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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	1.5 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
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
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**Plug, left**

Plug left	M16, IP67, female contact, angled 90°, Plastic, unshielded
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**Plug, right**

Plug right	free conductor end
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**Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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	ECLASS 13.0	27-06-03-11

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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## SAIL-M16BW-12-1.5U

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)  
[FL FIELDWIRING EN](#)

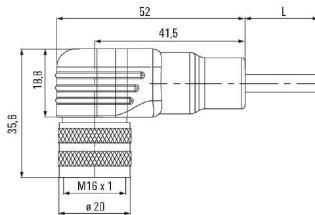
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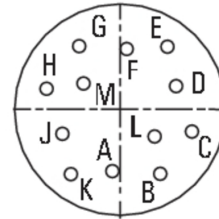
# Drawings

## Dimensioned drawing



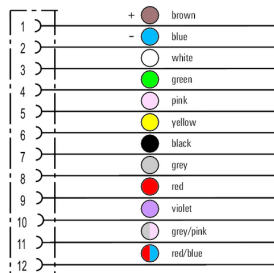
Angled socket

## 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