

SAIL-M16BW-12-5.0U

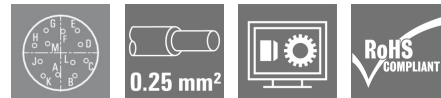
Weidmüller Interface GmbH & Co. KG

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, 5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: Yes
Order No.	1259010500
Type	SAIL-M16BW-12-5.0U
GTIN (EAN)	4050118146745
Qty.	1 pc(s).

Creation date March 16, 2023 3:46:48 PM CET

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

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Technical data

Dimensions and weights

Net weight 357 g

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 ²	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 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		

Electrical properties

Insulation strength 10¹² 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 e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals



ROHS Conform

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Technical data**Downloads**

Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

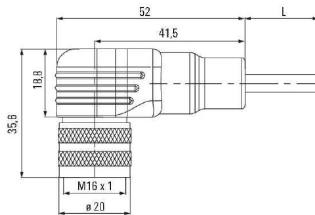
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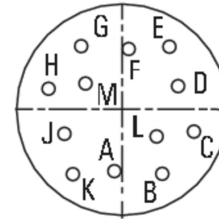
Drawings

Dimensioned drawing



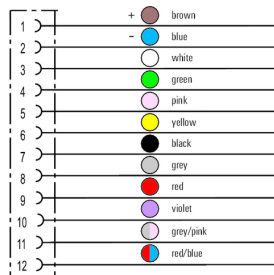
Angled socket

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