Data sheet

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 items
Delivery status	Discontinued
Last order date	2026-05-22T00:00:00+02:00

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	252 g

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical specifications for cable

Cable length	3 m	Sheathing colour	black
Suitable for cable carriers	No	Core cross-section	0.25 mm²
Shielded	No	Halogen	Yes
Insulation	PVC	Bending radius, min., moving	15 x cable diameter
Bending radius, min., stationary	8 x cable diameter	Sheath material	PUR
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	white, brown, green, yellow, grey, pink, blue, red, black, violet, grey / pink, red / blue	Torsion resistance	0 °/m
Temperature range, stationary	-25...70 °C	Resistant to welding beads	No
Temperature range, moving	-5...70 °C	Number of poles	12
Outside diameter	7 mm ± 0.2 mm		

General technical data

Connection thread	M16	Contact surface	Gold-plated
LED	No	Version	Socket, angled
Housing main material	PUR	Insulation resistance	1012 Ω
Nominal voltage	60 V	Nominal current	3 A
Protection degree	IP67	Plugging cycles	≥ 500
Pollution severity	1	jumpered	No
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-25 ... +70 °C
Tightening torque	M16: 0.6 Nm		

Electrical properties

Insulation resistance	1012 Ω	Nominal voltage	60 V

Plug, left

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

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Technical data

Plug, right

Plug right	free conductor end

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

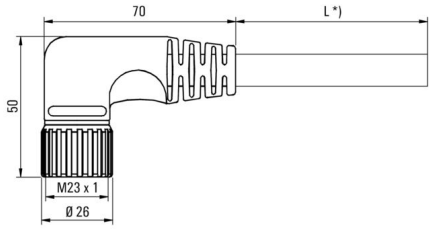
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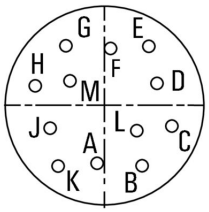
Drawings

Dimensioned drawing



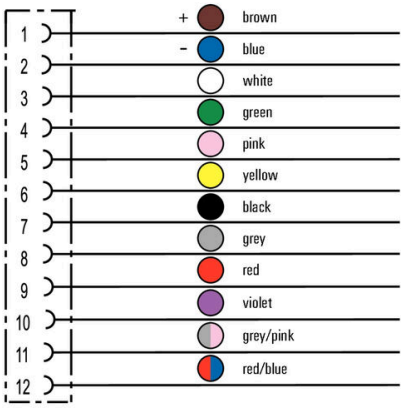
Angled socket

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

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Drawings