

SAIL-ZW-M12BW-3-3.0V

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.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Version	Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 3, 3 m, Twin cabling, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1466130300
Type	SAIL-ZW-M12BW-3-3.0V
GTIN (EAN)	4050118275520
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Dimensions and weights

Net weight	223.52 g
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length	3 m	Sheathing colour	black
Suitable for cable carriers	No	Core cross-section	0.34 mm ²
Shielded	No	Halogen	Yes
Insulation	PVC	Sheath material	PVC
Configurable cable length	No	Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)
Welding spark resistance	No	Colour coding	brown, blue, black
Torsion resistance	0 °/m	Temperature range, stationary	-30...80 °C
Resistant to welding beads	No	Temperature range, moving	-5...80 °C
Number of poles	3	Outside diameter	4.9 mm ± 0.2 mm

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	Twin cabling	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	250 V
Nominal current	4 A	AF size	12 mm
Protection degree	IP67, IP68, when screwed in, IP65, IP66	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No
Threaded ring material	Diecast zinc	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm		

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	250 V
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General standards

Connector standard	IEC 61076-2-101	Certificate no. (cULus)	E307231
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Technical data

Standards

Connector standard	IEC 61076-2-101
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Plug, left

Plug left	M12, A-coded, IP68, male contact, straight, Plastic, unshielded
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Plug, right

Plug right	M12, A-coded, IP68, female contact, angled 90°, Plastic, unshielded, M12, A-coded, IP68, female contact, angled 90°, Plastic, unshielded
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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



Twin male connector, straight

Dimensioned drawing



Angled socket

Pole scheme



Twin male connector

Pole scheme



Socket

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Drawings

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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