Weidmüller ⧓

SAIL-ZW-M12BW-3-3.0V

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

Type	SAIL-ZW-M12BW-3-3.0V
Order No.	1466130300
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
GTIN (EAN)	4050118275520
Qty.	1 pc(s).

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SAIL-ZW-M12BW-3-3.0V

Technical data

Dimensions and weights

Net weight	255 g

Technical specifications for cable

Number of poles	3	Core cross-section	0.34 mm²
Outside diameter	4.9 ± 0.2 mm	Shielded	No
Insulation	PVC	Colour coding	brown, blue, black
Sheath material	PVC	Sheathing colour	Black
Cable length	3 m	Temperature range, moving	-5...80 °C
Temperature range, stationary	-30...80 °C	Halogen	Yes
Suitable for cable carriers	No	Torsion resistance	0 °/m
Resistant to welding beads	No		

General technical data

Version	Twin cabling	connection thread	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Contact surface	Gold-plated	LED	No
Rated voltage	250 V	Rated current	4 A
Insulation resistance	10^8 Ω	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Standards

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

Classifications

ETIM 6.0	EC001855	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-06-91-90	eClass 9.1	27-06-03-13

Approvals

Approvals

ROHS	Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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Catalogue status 29.06.2018 / We reserve the right to make technical changes.
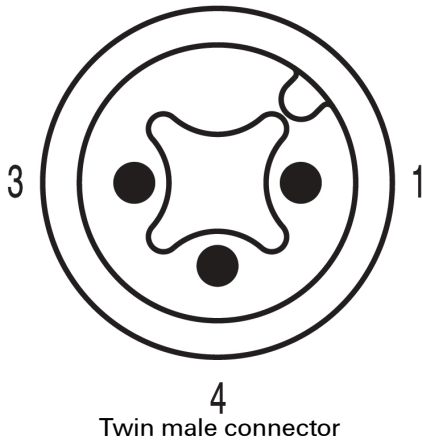
2

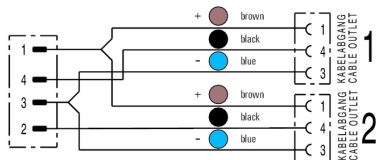# SAIL-ZW-M12BW-3-3.0V

Drawings

Dimensioned drawing
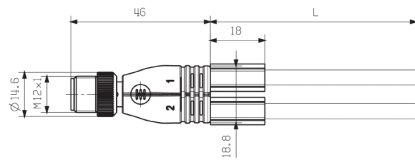
Twin male connector, straight
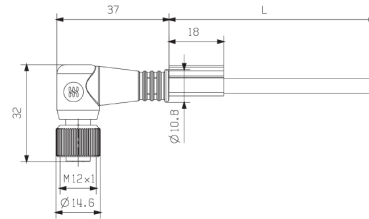
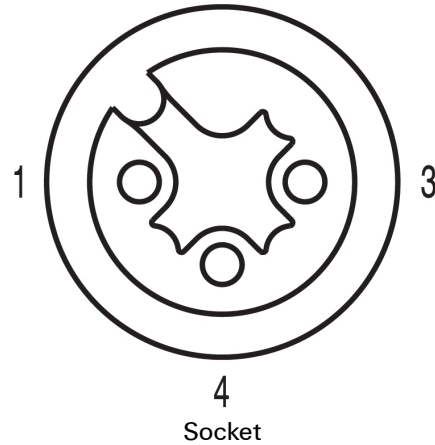### Pole scheme

Twin male connector

Wiring diagram

Dimensioned drawing

Angled socket

Pole scheme

Socket

The ideal tool, the 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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