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SAIL-7/8BG-3-10U

Weidmüller Interface GmbH & Co. KG
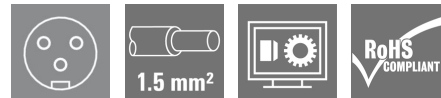
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1.5 mm² RoHS COMPLIANT

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.

The 7/8" cables tend to be used for power supply applications.

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

General ordering data

Type	SAIL-7/8BG-3-10U
Order No.	1292101000
Version	Sensor/actuator line, One end without connector, 7/8", Number of poles : 3 (2 + PE), 10 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118089400
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	500 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	3 (2 + PE)	Core cross-section	1.5 mm²
Outside diameter	7.4 mm ± 0.2 mm	Cable length	10 m
Shielded	No	Insulation	TPM
Colour coding	blue, brown, Green/yellow	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-20...80 °C	Temperature range, stationary	-50...80 °C
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Suitable for cable carriers	No
Torsion resistance	0 °/m	Bending radius, min., moving	7.5 x cable diameter
Resistant to welding beads	No	Configurable cable length	No

General technical data

Version	Female socket, straight	Connection thread	7/8"
Housing main material	PUR	Threaded ring material	Diecast zinc
Coding	none	Protection degree	IP68, when screwed in
Contact surface	Au (Gold)	LED	No
Rated voltage	300 V	Rated current	12 A
Insulation strength	10^8 Ω	Temperature range of housing	-25...+80 °C
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

Standards

Certificate no. (cULus)	E307231

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11
eClass 10.0	27-06-03-11		

Approvals

Approvals

ROHS	Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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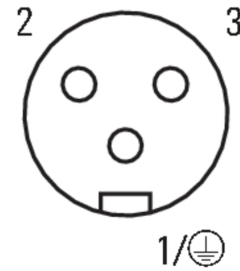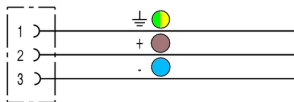# SAIL-7/8BG-3-10U

Drawings

Dimensioned drawing
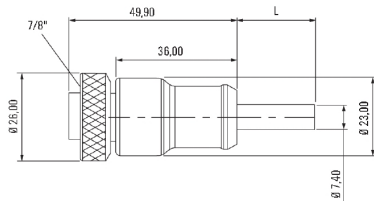
Straight socket

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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