

SAIL-7/8BG-3-3.0U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

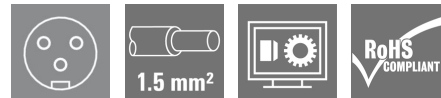
D-32758 Detmold

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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-3-3.0U
Order No.	1292 100300
Version	Sensor/actuator line, One end without connector, 7/8", Number of poles : 3 (2 + PE), 3 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118089189
Qty.	1 pc(s).

Creation date May 2, 2020 11:57:11 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 200 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 mm ²
Outside diameter	7.4 mm ± 0.2 mm	Cable length	3 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 jumpered	≥ 100	Pollution severity	3

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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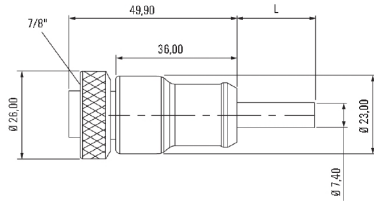
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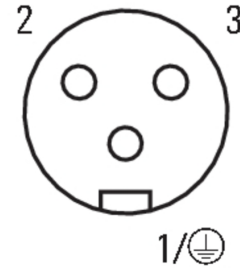
Drawings

Dimensioned drawing



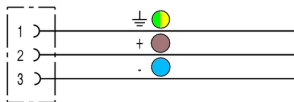
Straight socket

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