SAIL-7/8BG-5-6.5U

Weidmüller Interface GmbH & Co. KG
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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-5-6.5U
Order No.	1292190650
Version	Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 6.5 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118626605
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	300 g

Technical specifications for cable

Number of poles	5 (4 + PE)	Core cross-section	1.5 mm²
Outside diameter	8.7 ± 0.2 mm	Cable length	6.5 m
Shielded	No	Insulation	TPM
Colour coding	brown, white, blue, black, 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	Hybrid cable	No
Irradiation crosslinked	No	Configurable cable length	No

General technical data

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	9 A	Insulation strength	10^8 Ω
Temperature range of housing	-25...+85 °C	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Classifications

ETIM 6.0	EC001855	eClass 6.2	27-26-07-02
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

Approvals

ROHS	Conform

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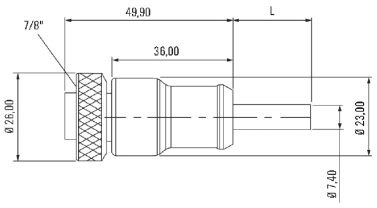
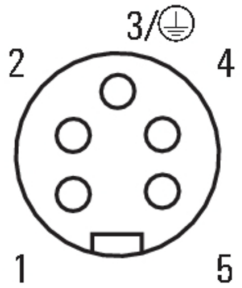
Drawings

Dimensioned drawing



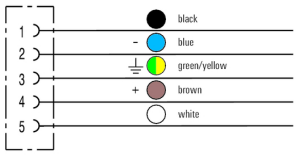
Straight socket

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