

SAIL-7/8W-3-5.0U

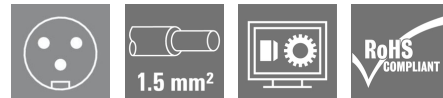
Weidmüller Interface GmbH & Co. KG

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.

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

Version	Sensor/actuator line, One end without connector, 7/8", Number of poles : 3 (2 + PE), 5 m, pin, 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1292090500
Type	SAIL-7/8W-3-5.0U
GTIN (EAN)	4050118087871
Qty.	1 pc(s).

Creation date March 16, 2023 4:02:25 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 250 g

Technical specifications for cable

Bending radius, min., moving	7.5 x cable diameter	Cable length	5 m
Colour coding	blue, brown, Green/yellow	Configurable cable length	No
Core cross-section	1.5 mm ²	Halogen	No
Insulation	TPM	Irradiation crosslinked	No
Number of poles	3 (2 + PE)	Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)
Outside diameter	7.4 mm ± 0.2 mm	PE function	Yes
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	No
Suitable for cable carriers	Yes	Temperature range, moving	-20...80 °C
Temperature range, stationary	-50...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

General technical data

Coding	none	Connection thread	7/8"
Contact surface	Au (Gold)	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP68, when screwed in	Rated current	12 A
Rated voltage	300 V	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Version	pin, 90°
jumpered	No		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated current	9 A (4- and 5-pole), 12 A (3-pole)
Rated voltage	300 V		

General standards

Certificate no. (cULus) E307231

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Data sheet**SAIL-7/8W-3-5.0U****Weidmüller Interface GmbH & Co. KG**
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Technical data**Approvals**

Approvals



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

Downloads

Engineering Data	CAD data – STEP
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

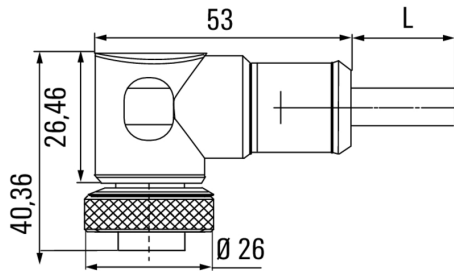
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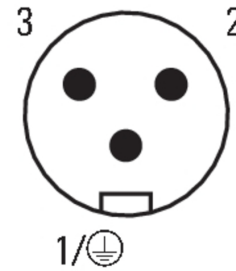
Drawings

Dimensioned drawing



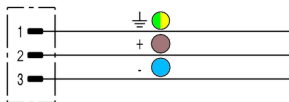
Male, angled

Pole scheme



Male

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