SAIL-7/8W7/8W-5-1.0U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Dimensioned drawing



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-7/8W7/8W-5-1.0U
Order No.	2519460100
Version	Sensor/actuator line, 7/8", Number of poles : 5 (4 + PE), 1 m, pin, 90° - socket 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118533521
Qty.	1 pc(s).

SAIL-7/8W7/8W-5-1.0U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

Net weight	100 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	1 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

Version	pin, 90° - socket 90°	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
Tightening torque	7/8": 1.5 Nm	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

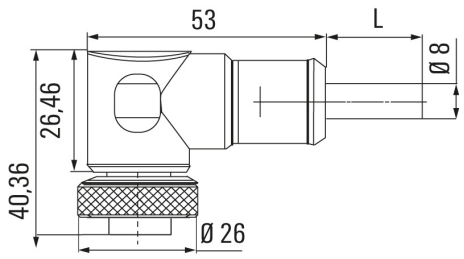
ROHS	Conform

SAIL-7/8W7/8W-5-1.0U

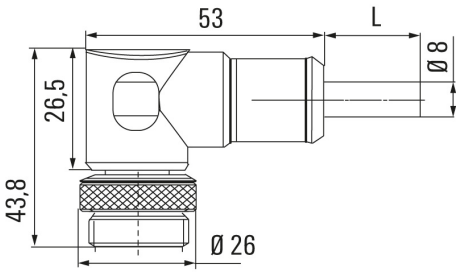
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

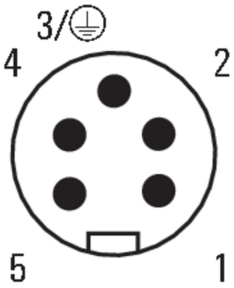
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram

