

**SAIL-7/8G-3-2.0U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

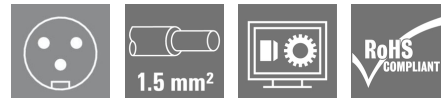
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

Type	SAIL-7/8G-3-2.0U
Order No.	<a href="#">1292080200</a>
Version	Sensor/actuator line, One end without connector, 7/8", Number of poles : 3 (2 + PE), 3 m, pin, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118098143
Qty.	1 pc(s).

Creation date May 2, 2020 11:54:41 PM CEST

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

**SAIL-7/8G-3-2.0U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**Technical data****Dimensions and weights**

Net weight 204 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 <sup>2</sup>
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	pin, 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 <sup>8</sup> 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](#)

Creation date May 2, 2020 11:54:41 PM CEST

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

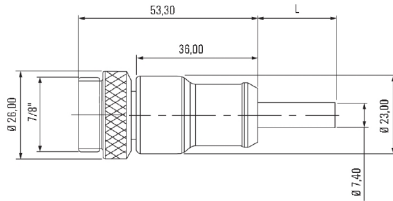
**Data sheet**

**SAIL-7/8G-3-2.0U**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

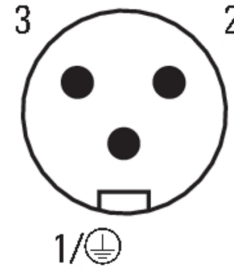
**Drawings**

**Dimensioned drawing**



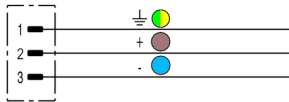
Male, straight

**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