

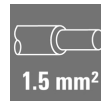
SAIL-7/8BG-5-12U**Weidmüller Interface GmbH & Co. KG**

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, 7/8", Number of poles : 5 (4 + PE), 12 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1292191200
Type	SAIL-7/8BG-5-12U
GTIN (EAN)	4050118626995
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	500 g
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Technical specifications for cable

Bending cycles	5 Mio	Bending radius, min., moving	7.5 x cable diameter
Cable length	12 m	Colour coding	brown, white, blue, black, Green/yellow
Configurable cable length	No	Core cross-section	1.5 mm ²
Halogen	No	Insulation	TPM
Irradiation crosslinked	No	Number of poles	5 (4 + PE)
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Outside diameter	8.7 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 material	CuZn	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	9 A	Rated impulse voltage	2,500 V
Rated voltage	300 V	Rated voltage (UL)	600 V
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
jumpered	No		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	300 V
Volume resistance	≤3 mΩ		

Plug, left

Plug left	7/8", IP68, female contact, straight, Plastic, unshielded
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Plug, right

Plug right	free conductor end
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Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

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www.weidmueller.com**Technical data****Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

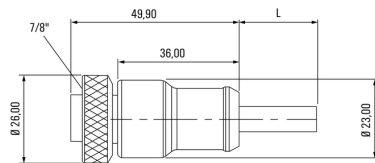
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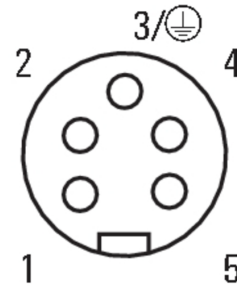
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Drawings

Dimensioned drawing



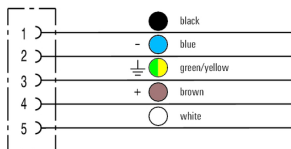
Pole scheme



Straight socket

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