

SAIL-M12BG-S3-1.0P**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

Version	Power cable, One end without connector, M12, Number of poles : 3 (2 + PE), 1 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2706670100
Type	SAIL-M12BG-S3-1.0P
GTIN (EAN)	4064675578161
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E310075

Dimensions and weights

Net weight 100 g

Technical specifications for cable

Cable length	1 m	Sheathing colour	black
Resistance to oils	Yes	PE function	Yes
Suitable for cable carriers	Yes	Core cross-section	1.5 mm ²
Shielded	No	Halogen	No
Insulation	PP	Acceleration	5 m/s ²
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	10 Mio	Speed	5 m/s
Sheath material	PUR	Configurable cable length	No
LABS-free	Yes	Hydrolysis and microbe resistant	Yes
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Irradiation crosslinked	No
Welding spark resistance	Yes	Colour coding	blue, brown, Green/yellow
Torsion resistance	270 °/m	Temperature range, stationary	-40...90 °C
Resistant to welding beads	Yes	Temperature range, moving	-40...90 °C
Number of poles	3 (2 + PE)	Outside diameter	8.5 mm ± 0.3 mm

General technical data

Coding	S-coded	Connection thread	M12
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	600 V
Nominal current	12 A	AF size	13 mm
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100
Pollution severity	3	Temperature range of housing	-40 ... +85 °C
Tightening torque	M12: 1.0 Nm		

Electrical properties

Insulation resistance 108 Ω Nominal voltage 600 V

General standards

Certificate no. (cULus) E310075

Plug, left

Plug left M12, S-coded, Number of poles: 3, female contact, straight, plug, unshielded

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Technical data

Plug, right

Plug right	Free conductor end
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Classifications

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

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Drawings

Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

