Data sheet

SAIL-M12G-S3-10P

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), 10 m, pin, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2706681000
Type	SAIL-M12G-S3-10P
GTIN (EAN)	4050118741377
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	945 g

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

Technical specifications for cable

Cable length	10 m	Sheathing colour	black
Resistance to oils	Yes	PE function	Yes
Suitable for cable carriers	Yes	Core cross-section	1.5 mm²
Shielded	No	Halogen	No
Insulation	PP	Acceleration	5 m/s²
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	10 Mio	Resistance to spread of flame	in accordance with IEC 60332-1-2
Speed	5 m/s	Sheath material	PUR
Cable length configurable	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	-30...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	pin, 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

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Technical data

General standards

Certificate no. (cULus)	E310075

Plug, left

Plug left	connector, M12, Number of poles: 3, IP67, male contact, straight, Plastic, unshielded

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		

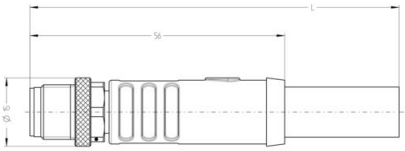
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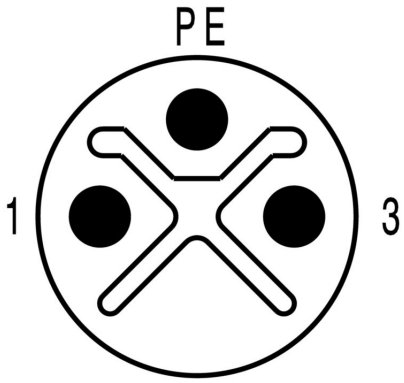
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Drawings

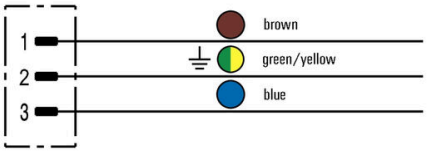
Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

