SAIL-M12GM12G-TS-15U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



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	Sensor/actuator line, M12 / M12, Number of poles : 4, 15 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	2490241500
Type	SAIL-M12GM12G-TS-15U
GTIN (EAN)	4050118690941
Qty.	1 pc(s).

Creation date December 4, 2023 9:03:53 AM CET

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Technical data

Dimensions and weights

Net weight	1,000 g

Technical specifications for cable

Acceleration	50 m/s²	Bending cycles	10 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	15 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	1.5 mm²
Halogen	No	Insulation	TPE
Irradiation crosslinked	No	Number of poles	4
Resistant to welding beads	Yes	Sheath material	PUR
Sheathing colour	black	Shielded	Yes
Suitable for cable carriers	Yes	Temperature range, moving	-30...80 °C
Temperature range, stationary	-40...80 °C		

General technical data

Coding	T-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10^8 Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP67	Rated current	12 A
Rated voltage	60 V	Temperature range of housing	-40 ... +85 ° C
Tightening torque	M12: 0.8 - 1.2 Nm	Version	Male pin, straight - Female socket, straight

Electrical properties

Insulation strength	10^8 Ω	Rated voltage	60 V

General standards

Connector standard	IEC 61076-2-111

Standards

Connector standard	IEC 61076-2-111

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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	27060311

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Data sheet

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Technical data

Approvals

Approvals	CE
ROHS	Conform

Downloads

Catalogues	Catalogues in PDF-format

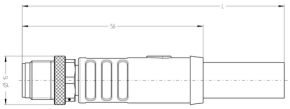
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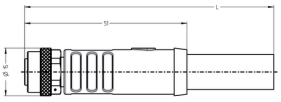
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Drawings

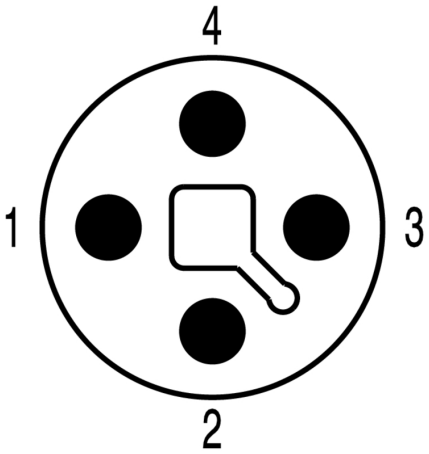
Dimensioned drawing



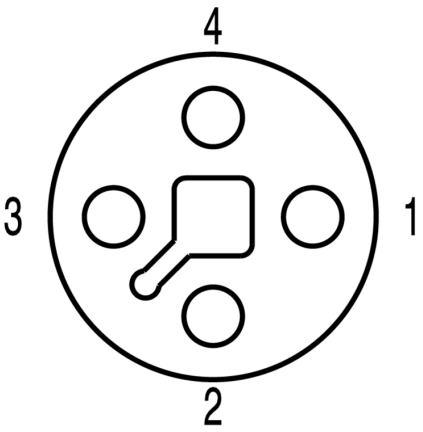
Dimensioned drawing



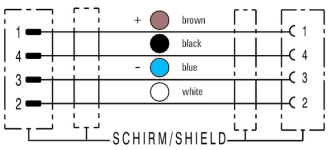
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

