

**SAIL-M12GM12G-TS-1.0U****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, 1 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2490240100</a>
Type	SAIL-M12GM12G-TS-1.0U
GTIN (EAN)	4050118500356
Qty.	1 items

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**Technical data****Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Net weight 150 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	1 m	Sheathing colour	black
Suitable for cable carriers	Yes	Core cross-section	1.5 mm <sup>2</sup>
Shielded	Yes	Halogen	No
Insulation	TPE	Acceleration	50 m/s <sup>2</sup>
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	10 Mio	Sheath material	PUR
Configurable cable length	No	Irradiation crosslinked	No
Welding spark resistance	No	Colour coding	brown, white, blue, black
Temperature range, stationary	-40...80 °C	Resistant to welding beads	Yes
Temperature range, moving	-30...80 °C	Number of poles	4
Outside diameter	9.4 mm ± 0.2 mm		

**General technical data**

Coding	T-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	Male pin, straight - Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	60 V
Nominal current	12 A	Protection degree	IP65, IP67
Plugging cycles jumpered	≥ 100 (M12)	Pollution severity	3
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Nickel-plated CuZn
		Tightening torque	M12: 0.8 - 1.2 Nm

**Electrical properties**

Insulation resistance 108 Ω      Nominal voltage 60 V

**General standards**

Connector standard IEC 61076-2-111

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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



Dimensioned drawing



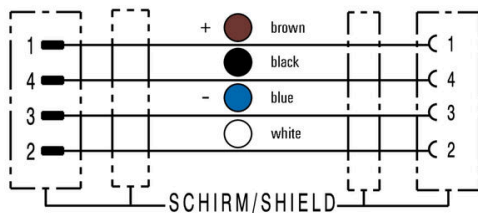
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

