

## SAIL-M12GM12G-TS-1.5U

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

[www.weidmueller.com](http://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, 1.5 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2490240150</a>
Type	SAIL-M12GM12G-TS-1.5U
GTIN (EAN)	4050118500363
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 180 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	1.5 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
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
Rated current	12 A		

### 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**



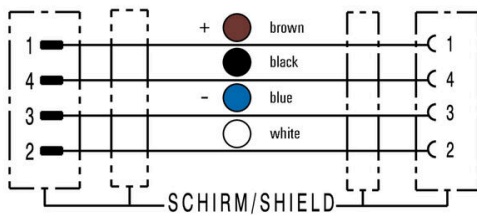
**Pole scheme**



**Pole scheme**



**Wiring diagram**



**The ideal tool: Screwty® with torque function**

