

**SAIL-M12GM12G-5-1.0TYV**

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

www.weidmueller.com

**Product image**



**General ordering data**

Version	Sensor/actuator line, M12 / M12, Number of poles : 5, 1 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2812800100</a>
Type	SAIL-M12GM12G-5-1.0TYV
GTIN (EAN)	4064675428480
Qty.	1 items

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**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

**Dimensions and weights**

Net weight 88 g

**Environmental Product Compliance**

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP bd63baef-8092-4596-90c7-5b4daa22710b

**Technical specifications for cable**

Cable length	1 m	Sheathing colour	yellow
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	Yes
Core cross-section	0.34 mm <sup>2</sup>	Shielded	No
Halogen	No	Insulation	TPE
Sheath material	PUR	Outer cladding in accordance with UL AWM style	20233 (80 °C / 300 V)
Core in accordance with UL AWM style	10995 (80 °C / 300 V)	Irradiation crosslinked	No
Welding spark resistance	Yes	Torsion resistance	360 °/m
Temperature range, stationary	-30...105 °C	Resistant to welding beads	Yes
Temperature range, moving	-40...105 °C	Number of poles	5

**General technical data**

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, straight - socket, straight	Housing main material	PUR
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm		

**Electrical properties**

Nominal voltage 60 V

**General standards**

Certificate no. (cULus) E307231

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**Technical data****Plug, left**

Plug left	M12, A-coded, IP68, male contact, straight, Plastic, unshielded
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**Plug, right**

Plug right	M12, A-coded, IP68, female contact, straight, Plastic, unshielded
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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

Detailed drawing



Dimensioned drawing



Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram



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## Drawings

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

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Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F