

**SAIL-M12GM12G-S3-3.OP****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 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, Connecting line, Number of poles : 3 (2 + PE), 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2050060300</a>
Type	SAIL-M12GM12G-S3-3.OP
GTIN (EAN)	4050118441277
Qty.	1 pc(s).

Creation date March 26, 2021 9:58:54 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## SAIL-M12GM12G-S3-3.0P

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## Technical data

### Dimensions and weights

Net weight 200 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical specifications for cable

Acceleration	5 m/s <sup>2</sup>	
Bending cycles	10 Mio	
Bending radius, min., moving	7.5 x cable diameter	
Bending radius, min., stationary	4 x cable diameter	
Cable length	3 m	
Colour coding	blue, brown, Green/yellow	
Configurable cable length	No	
Core cross-section	1.5 mm <sup>2</sup>	
Halogen	No	
Housing main material	PUR	
Insulation	PP	
Number of poles	3	
Number of poles	3 (2 + PE)	
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	
Outside diameter	Diameter	8.5 mm
	Signs	±
	Tolerance	0.3 mm
Outside diameter	8.5 mm ± 0.3 mm	
PE function	Yes	
Resistant to welding beads	No	
Sheath material	PUR	
Sheathing colour	black	
Shielded	No	
Speed	5 m/s	
Suitable for cable carriers	Yes	
Temperature range, moving	-40...80 °C	
Temperature range, moving, max.	80 °C	
Temperature range, moving, min.	-40 °C	
Temperature range, stationary	-50...80 °C	
Temperature range, stationary, max.	80 °C	
Temperature range, stationary, min.	-50 °C	

### General technical data

Coding	S	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 <sup>8</sup> Ω
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67, when screwed in
Rated current	12 A	Rated voltage	600 V
Temperature range of housing	-25...+80 °C	Version	pin, straight - socket, straight

### Standards

Connector standard IEC 61076-2-111

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**Technical data****Classifications**

ETIM 6.0	EC001855	ETIM 7.0	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

**Approvals**

ROHS	Conform
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**Data sheet**

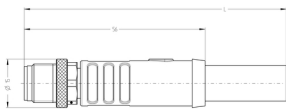
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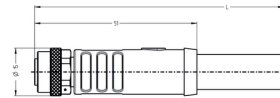
www.weidmueller.com

**Drawings**

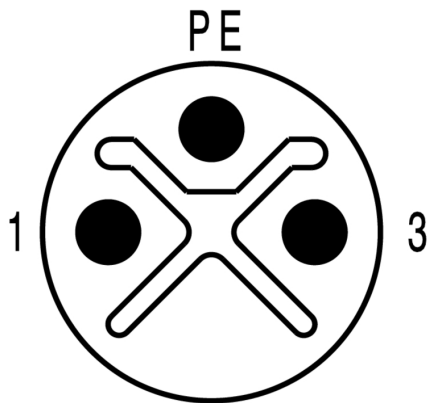
**Dimensioned drawing**



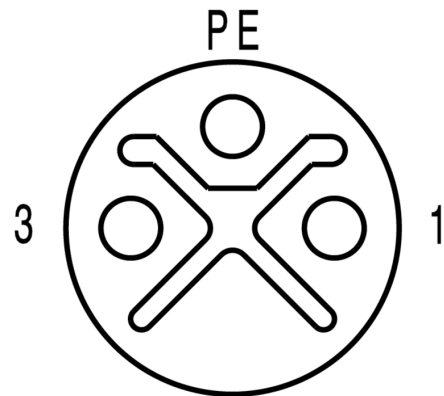
**Dimensioned drawing**



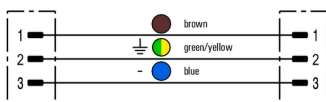
**Pole scheme**



**Pole scheme**



**Wiring diagram**



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

