

**SAIL-M12GM12G-S3-4.5P****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), 4.5 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2050060450</a>
Type	SAIL-M12GM12G-S3-4.5P
GTIN (EAN)	4050118661712
Qty.	1 pc(s).

Creation date April 15, 2021 8:09:08 PM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight 507.4 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	4.5 m	Colour coding	blue, brown, Green/yellow
Configurable cable length	No	Core cross-section	1.5 mm <sup>2</sup>
Halogen	No	Insulation	PP
Number of poles	3 (2 + PE)	Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)
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, stationary	-50...80 °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		

**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

**Downloads**Brochure/Catalogue [Catalogues in PDF-format](#)

**Data sheet**

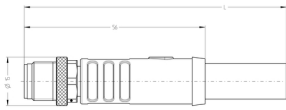
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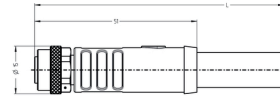
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**Drawings**

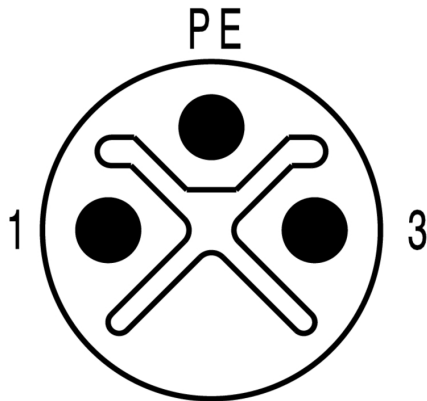
**Dimensioned drawing**



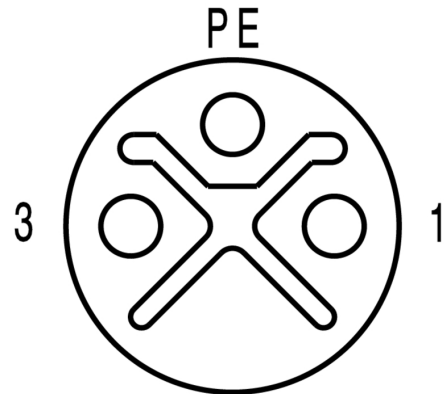
**Dimensioned drawing**



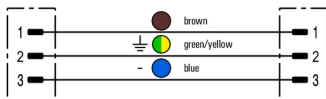
**Pole scheme**



**Pole scheme**



**Wiring diagram**



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

