

**SAIL-M12GM12G-S3-5.5P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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), 5.5 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2050060550</a>                                                                                                  |
| Type       | SAIL-M12GM12G-S3-5.5P                                                                                                       |
| GTIN (EAN) | 4050118661729                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                    |

Creation date April 15, 2021 8:09:13 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 500 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                 | 5.5 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](#)

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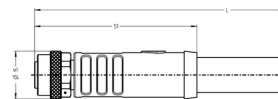
[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

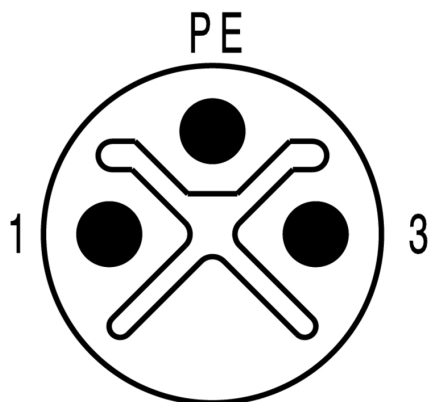
## Dimensioned drawing



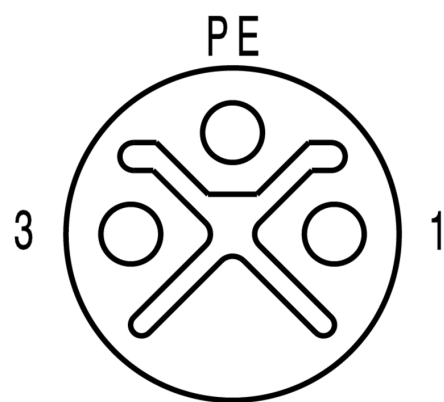
## Dimensioned drawing



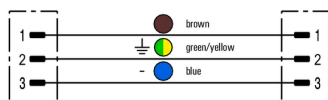
## Pole scheme



## Pole scheme



## Wiring diagram



## The ideal tool: Screwty® with torque function

