

**SAIL-M12GM12G-5-2.0TYV**

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

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

**Product image****General ordering data**

|            |   |
|------------|---|
| Version    | Sensor/actuator line, M12 / M12, Number of poles : 5, 2 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">2812800200</a>  |
| Type       | SAIL-M12GM12G-5-2.0TYV  |
| GTIN (EAN) | 4064675428602   |
| 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 123.2 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                         | 2 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

**Plug, right**

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

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | 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 | ECLASS 12.0 | 27-06-03-11 |
| ECLASS 13.0 | 27-06-03-11 | ECLASS 14.0 | 27-06-03-11 |
| ECLASS 15.0 | 27-06-03-11 |             |             |

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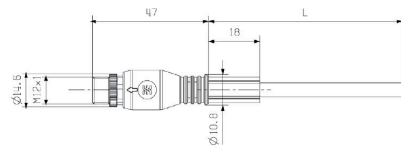
www.weidmueller.com

Drawings

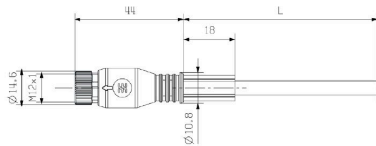
Detailed drawing



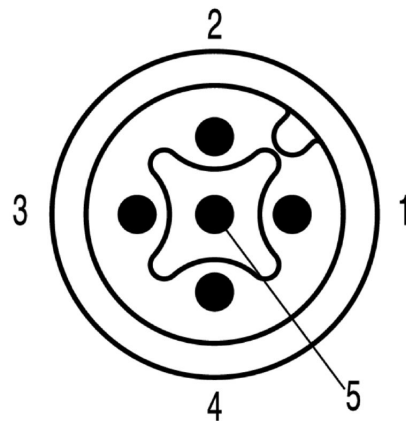
Dimensioned drawing



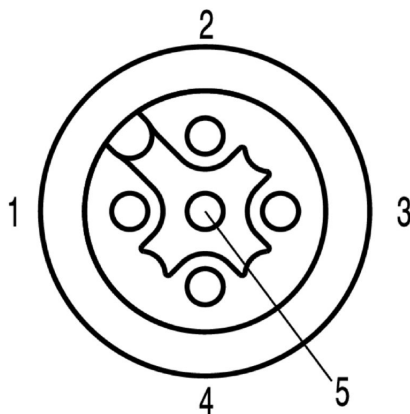
Dimensioned drawing



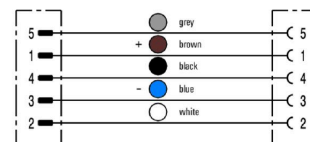
Pole scheme



Pole scheme



Wiring diagram



### 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