

**SAIL-M12G-PB-0.6D****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

**General ordering data**

|            |                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| Version    | Bus line, One end without connector, M12, Number of poles: 2, 0.6 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No |
| Order No.  | <a href="#">1873300060</a>                                                                                                     |
| Type       | SAIL-M12G-PB-0.6D                                                                                                              |
| GTIN (EAN) | 4050118337365                                                                                                                  |
| Qty.       | 1 pc(s).                                                                                                                       |

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

|            |      |
|------------|------|
| Net weight | 62 g |
|------------|------|

**Technical specifications for cable**

|                                   |                                                     |                                                |                      |
|-----------------------------------|-----------------------------------------------------|------------------------------------------------|----------------------|
| Acceleration                      | 5 m/s <sup>2</sup>                                  | Bending cycles                                 | 2 Mio                |
| Bending radius, min., moving      | 12 x cable diameter                                 | Bending radius, min., stationary               | 7.5 x cable diameter |
| Cable length                      | 0.6 m                                               | Colour coding                                  | red, green           |
| Configurable cable length         | No                                                  | Core cross-section AWG                         | AWG 24               |
| Halogen                           | No                                                  | Hybrid cable                                   | No                   |
| Insulation                        | TPE                                                 | Irradiation crosslinked                        | No                   |
| Number of poles                   | 2                                                   | Outer cladding in accordance with UL AWM style | 20236 (80 °C / 30 V) |
| Outside diameter                  | 7.8 mm ± 0.2 mm                                     | Resistant to welding beads                     | No                   |
| Sheath material                   | PUR                                                 | Sheathing colour                               | violet               |
| Shielded                          | Yes                                                 | Speed                                          | 3 m/s                |
| Suitable for cable carriers       | Yes                                                 | Temperature range, moving                      | -20...60 °C          |
| Temperature range, stationary     | -40...70 °C                                         | Welding spark resistance                       | No                   |
| Wire cross section (Print/Online) | PUR 0.25 mm <sup>2</sup> / PVC 0.34 mm <sup>2</sup> |                                                |                      |

**General technical data**

|                        |                      |                              |                   |
|------------------------|----------------------|------------------------------|-------------------|
| Coding                 | B-coded              | Connection thread            | M12               |
| 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                 | Rated current                | 4 A               |
| Rated voltage          | 250 V                | Temperature range of housing | -25...+80 °C      |
| Threaded ring material | Brass, nickel-plated | Tightening torque            | M12: 0.8 - 1.2 Nm |
| jumpered               | No                   |                              |                   |

**Electrical properties**

|                     |                   |               |       |
|---------------------|-------------------|---------------|-------|
| Insulation strength | 10 <sup>8</sup> Ω | Rated voltage | 250 V |
|---------------------|-------------------|---------------|-------|

**General standards**

|                         |         |
|-------------------------|---------|
| Certificate no. (cULus) | E307231 |
|-------------------------|---------|

**Plug, left**

|           |                                                               |
|-----------|---------------------------------------------------------------|
| Plug left | M12, B-coded, IP67, male contact, straight, Plastic, shielded |
|-----------|---------------------------------------------------------------|

**Plug, right**

|            |                    |
|------------|--------------------|
| Plug right | free conductor end |
|------------|--------------------|

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 9.0  | 27-06-03-08 |
| ECLASS 9.1  | 27-06-03-08 | ECLASS 10.0 | 27-06-03-08 |
| ECLASS 11.0 | 27-06-03-08 | ECLASS 12.0 | 27-06-03-08 |
| ECLASS 13.0 | 27-06-03-08 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 |             |             |

**Approvals**

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Certificate no. (cULus) | E307231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 1c533b66-fcff-4da5-b89f-fd55fbf5cb55 |

**Downloads**

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        | <a href="#">FL FIELDWIRING EN</a>        |

## SAIL-M12G-PB-0.6D

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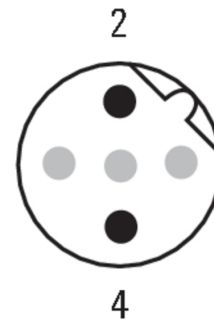
[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

## Pole scheme

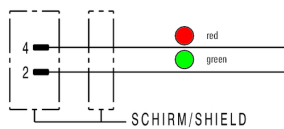


Male, straight



Pin

## Wiring diagram



## The ideal tool: Screwty® with torque function



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