# SAIL-M12G-PB-3.0E

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

| | |
|---|---|
| Type | SAIL-M12G-PB-3.0E |
| Order No. | 1058530300 |
| Version | Bus line, One end without connector, M12, Number of poles: 2, 3 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes |
| GTIN (EAN) | 4032248800124 |
| Qty. | 1 pc(s). |

# SAIL-M12G-PB-3.0E

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 201 g |

### Environmental Product Compliance

| | |
|---|---|
| REACH SVHC | Lead 7439-92-1 |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Number of poles | 2 | Wire cross section | PUR 0.25 mm² / PVC 0.34 mm² |
| Outside diameter | 7.8 mm ± 0.2 mm | Cable length | 3 m |
| Shielded | Yes | Insulation | PVC |
| Colour coding | red, green | Sheath material | PVC |
| Sheathing colour | violet | Halogen | Yes |
| Temperature range, moving | -5...60 °C | Temperature range, stationary | -20...70 °C |
| Suitable for cable carriers | No | Bending radius, min., stationary | 18 x cable diameter |
| Bending radius, min., moving | 9 x cable diameter | Resistant to welding beads | No |
| Hybrid cable | No | Irradiation crosslinked | No |
| Configurable cable length | No | | |

### General technical data

| | | | |
|---|---|---|---|
| Version | pin, straight | Connection thread | M12 |
| Housing main material | PUR | Threaded ring material | Brass, nickel-plated |
| Coding | B | Protection degree | IP67 |
| Contact surface | Gold-plated | LED | No |
| Rated voltage | 250 V | Rated current | 4 A |
| Insulation strength | $10^8$ Ω | Temperature range of housing | -25...+80 °C |
| Tightening torque | M12: 0.8 - 1.2 Nm | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | jumpered | No |

### Standards

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

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| eClass 9.0 | 27-06-03-08 | eClass 9.1 | 27-06-03-08 |
| eClass 10.0 | 27-06-03-08 | | |

### Approvals

| | |
|---|---|
| Approvals | c UL us LISTED |
| ROHS | Conform |

### Downloads

| | |
|---|---|
| Brochure/Catalogue | FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD |

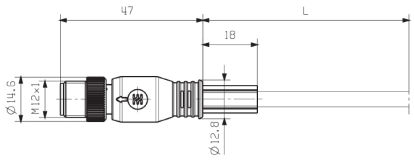
Creation date May 1, 2020 12:46:43 PM CEST

## SAIL-M12G-PB-3.0E

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

# Drawings

### Dimensioned drawing

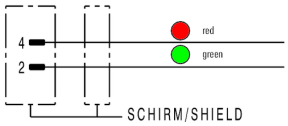



Male, straight

### Pole scheme

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