Data sheet

# SAIL-VSB-180-M12G-10U

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

www.weidmueller.com

## Similar to illustration



Weidmüller can supply valve plugs as connecting lines with M8/M12 plugs and one end without connector. The status of the valve plug is shown by an LED. The valve plugs have a protective circuit. The Weidmüller range includes valve plugs of type A, B and C to DIN and industry standards. Protection class IP 67 is fulfilled when screwed in. The outlet direction is also a decisive factor, therefore Weidmüller offers different versions.

### General ordering data

| | |
|---|---|
| Version | Valve cable (assembled), Straight plug - valve plug, Industrial design B (11 mm) / M12 = A-coded, M12 = A, Cable length: 10 m, PUR, black |
| Order No. | 2751071000 |
| Type | SAIL-VSB-180-M12G-10U |
| GTIN (EAN) | 4064675006701 |
| Qty. | 1 items |
| Delivery status | This article will no longer be available in the future. |
| Last order date | 2027-02-28T00:00:00+01:00 |

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# Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |

### Dimensions and weights

| | |
|---|---|
| Net weight | 116 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 6ef4f442-4200-442c-9896-7fd648ce3c59 |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Cable length | 10 m | Sheathing colour | black |
| PE function | Yes | Suitable for cable carriers | Yes |
| Core cross-section | 0.5 mm² | Shielded | No |
| Halogen | No | Insulation | PP |
| Acceleration | 5 m/s² | Bending radius, min., moving | 10 x cable diameter |
| Bending radius, min., stationary | 5 x cable diameter | Bending cycles | 2 Mio |
| Speed | 200 m/s | Sheath material | PUR |
| Welding spark resistance | No | Colour coding | brown, blue, Green/yellow |
| Torsion resistance | 0 °/m | Temperature range, stationary | -50...80 °C |
| Resistant to welding beads | No | Temperature range, moving | -25...80 °C |
| Number of poles | 3 (2 + PE) | Outside diameter | 4.6 mm ± 0.2 mm |

### General technical data

| | | | |
|---|---|---|---|
| Coding | Industrial design B (11 mm) / M12 = A-coded, M12 = A | Connection thread | Miscellaneous |
| LED | Yes | Version | Straight plug - valve plug |
| Insulation resistance | 109 Ω | Contact material | CuZn |
| Nominal voltage | 24 V | Nominal current | 4 A |
| Protection degree | IP67, when screwed in | Threaded ring material | Nickel-plated CuZn |
| All valve plugs are fitted with protective circuits | Zener diode | Temperature range of housing | -25...+80 °C |

### Plug, left

| | | | |
|---|---|---|---|
| Plug left | connector, Valve plug, Industrial design B (11 mm), Number of poles: 3, IP67, female contact, angled 0°, with protective circuit: Zener diode, LED yellow, unshielded | Contact surface plug left | tinned |

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## Technical data

### Plug, right

| | | | |
|---|---|---|---|
| Plug right | connector, M12, A-coded, Number of poles: 5, IP67, male contact, straight, unshielded | Contact surface plug right | Gold-plated |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC001855 | ETIM 9.0 | EC001855 |
| ETIM 10.0 | EC001855 | ECLASS 14.0 | 27-06-03-12 |
| ECLASS 15.0 | 27-06-03-12 | | |

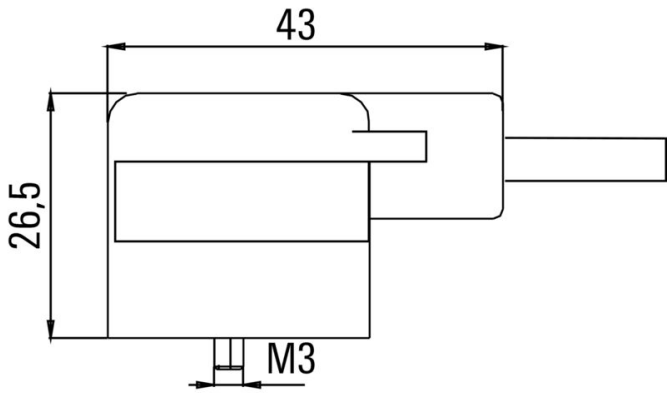
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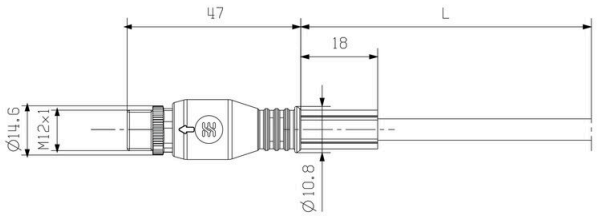
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## Drawings

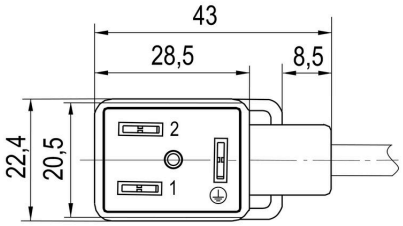
### Dimensioned drawing



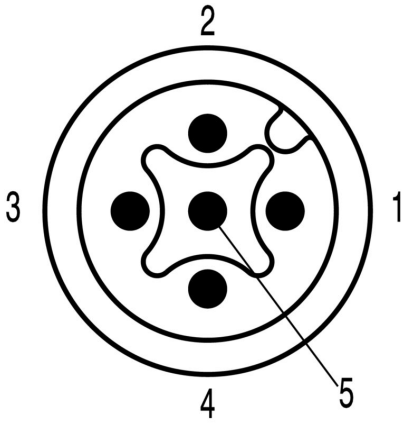

### Dimensioned drawing




### Pole scheme




### Pole scheme




### Wiring diagram

