# SAIL-VSC-M12G-1.5U

**Weidmüller Interface GmbH & Co. KG**
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Weidmüller can supply valve plugs as connecting lines with M12 plugs and one end without connector. The status of the valve plug is shown by an LED. Every valve plug is fitted with a protective circuit. The Weidmüller range includes valve plugs of type A, B and C to DIN and industry standards. In the plugged condition they achieve IP 67 class of protection. The outlet direction is also a decisive factor: Weidmüller can also supply 0° versions, i.e. the cable outlet direction is located at the PE contact.

## General ordering data

| | |
|---|---|
| Type | SAIL-VSC-M12G-1.5U |
| Order No. | 9457400150 |
| Version | Valve plug, Straight plug - valve plug, C |
| GTIN (EAN) | 4008190316556 |
| Qty. | 1 pc(s). |

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## Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 72 g |

### Temperatures

| | | | |
|---|---|---|---|
| Operating temperature range, max. | 80 °C | Operating temperature range, min. | -25 °C |
| Operating temperature, max. | 80 °C | Operating temperature, min. | -25 °C |

### Environmental Product Compliance

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

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Number of poles | 3 | Core cross-section | 0.5 mm² |
| Outside diameter | 4.6 ± 0.2 mm | Cable length | 1.5 m |
| Shielded | No | Insulation | PP |
| Colour coding | brown, blue, Green/yellow | Sheath material | PUR |
| Sheathing colour | black | Halogen | No |
| Temperature range, moving | -25...80 °C | Temperature range, stationary | -50...80 °C |
| Suitable for cable carriers | Yes | Torsion resistance | 0 °/m |
| Bending radius, min., stationary | 5 x cable diameter | Bending radius, min., moving | 10 x cable diameter |
| Acceleration | 5 m/s² | Speed | 200 m/min |
| Bending cycles | 2 Mio | Resistant to welding beads | No |

### General technical data

| | | | |
|---|---|---|---|
| Version | Straight plug - valve plug | Connection thread | Miscellaneous |
| Coding | Industrial design C (9.4 mm), M12 = A | Protection degree | IP67, when screwed in |
| Contact surface | tinned | LED | Yes |
| Rated voltage | 24 V | Rated current | 4 A |
| Temperature range of housing | -25...+80 °C | Tightening torque | Mounting screw M3: 0.4 Nm, M12: 0.8 - 1.2 Nm |
| All valve plugs are fitted with protective circuits | Zener diode | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 3.0 | EC001855 | ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 | ETIM 6.0 | EC001855 |
| UNSPSC | 30-21-18-10 | eClass 5.1 | 27-26-07-01 |
| eClass 6.2 | 27-27-92-18 | eClass 7.1 | 27-06-91-90 |
| eClass 8.1 | 27-06-91-90 | eClass 9.0 | 27-06-03-12 |
| eClass 9.1 | 27-06-03-11 | | |

### Approvals

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

Creation date May 28, 2019 12:58:34 AM CEST

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# Technical data

### Downloads

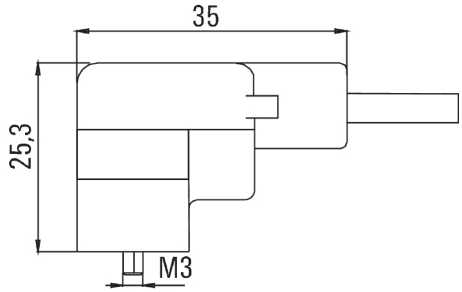
| | |
|---|---|
| Brochure/Catalogue | CAT 8 SAI 15/16 EN<br>FL FIELDWIRING EN |

## SAIL-VSC-M12G-1.5U

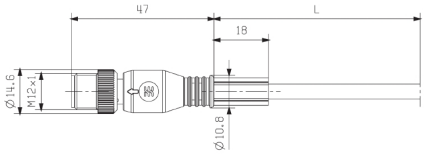
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# Drawings

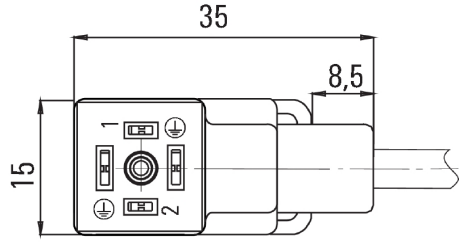
### Dimensioned drawing



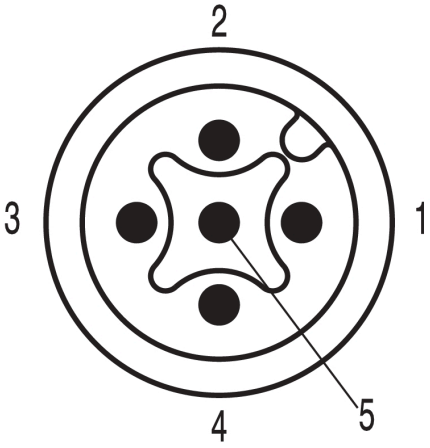

### Dimensioned drawing




### Pole scheme




### Pole scheme




### Wiring diagram

