

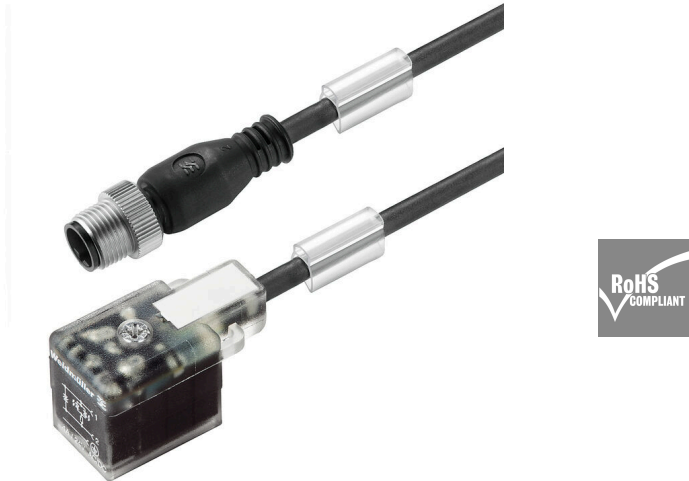
**SAIL-VSB-M12G-1.0U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, Cable length: 1 m, PUR, black |
| Order No.  | <a href="#">9457680100</a>   |
| Type       | SAIL-VSB-M12G-1.0U   |
| GTIN (EAN) | 4032248812790  |
| Qty.       | 1 items  |

## SAIL-VSB-M12G-1.0U

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 65 g

### Environmental Product Compliance

RoHS Compliance Status Compliant with exemption  
 RoHS Exemption (if applicable/known) 6c  
 REACH SVHC Lead 7439-92-1  
 SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

### Technical specifications for cable

|                               |                           |                                  |                     |
|-------------------------------|---------------------------|----------------------------------|---------------------|
| Cable length                  | 1 m                       | Sheathing colour                 | black               |
| Suitable for cable carriers   | Yes                       | Core cross-section               | 0.5 mm <sup>2</sup> |
| Shielded                      | No                        | Halogen                          | No                  |
| Insulation                    | PP                        | Acceleration                     | 5 m/s <sup>2</sup>  |
| 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                   |
| Outside diameter              | 4.6 mm ± 0.2 mm           |                                  |                     |

### General technical data

|                              |  |   |  |
|------------------------------|--|---|--|
| Coding                       | Industrial design B (11 mm), M12 = A-coded | Contact surface                                     | tinned                                       |
| LED                          | Yes  | Version   | Straight plug - valve plug                   |
| Nominal voltage              | 24 V                                       | Nominal current                                     | 4 A  |
| Protection degree            | IP67, when screwed in                      | All valve plugs are fitted with protective circuits | Zener diode                                  |
| Temperature range of housing | -25...+80 °C                               | Tightening torque                                   | Mounting screw M3: 0.4 Nm, M12: 0.8 - 1.2 Nm |

### 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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**Drawings**

**Dimensioned drawing**



**Dimensioned drawing**



**Pole scheme**



**Pole scheme**



**Wiring diagram**

