Data sheet

# SAIL-VSA-DS-M12G-3.0U

**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, Design A (18 mm), M12 = A-coded, Cable length: 3 m, PUR, black |
| Order No. | 1316550300 |
| Type | SAIL-VSA-DS-M12G-3.0U |
| GTIN (EAN) | 4050118119879 |
| 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 | 131.12 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| Cable length | 3 m | Sheathing colour | black |
| PE function | Yes | Suitable for cable carriers | Yes |
| Core cross-section | 0.34 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 | 3 Mio |
| Speed | 200 m/min | Sheath material | PUR |
| Cable length configurable | No | Welding spark resistance | No |
| Colour coding | blue, brown, Green/yellow, black, white | Torsion resistance | 0 °/m |
| Temperature range, stationary | -40...90 °C | Resistant to welding beads | No |
| Temperature range, moving | -30...90 °C | Number of poles | 4 (3 + PE) |
| Outside diameter | 5.2 mm ± 0.2 mm | | |

### General technical data

| | | | |
|---|---|---|---|
| Coding | Design A (18 mm), M12 = A-coded | Connection thread | Miscellaneous |
| Contact surface | tinned | LED | Yes |
| Version | Straight plug - valve plug | Housing main material | TPU |
| Contact material | CuZn | Nominal voltage | 24 V |
| Nominal current | 4 A | Protection degree | IP67, when screwed in |
| Pollution severity | 3 | Threaded ring material | Nickel-plated CuZn |
| Temperature range of housing | -25...+80 °C | Tightening torque | Mounting screw M3: 0.4 Nm, M12: 1.0 Nm |

### Plug, left

| | |
|---|---|
| Plug left | connector, Valve plug, Design A (18 mm), Number of poles: 4, IP67, female contact, angled 0°, LED yellow and green, unshielded |

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## Technical data

### Plug, right

| | |
|---|---|
| Plug right | connector, M12, A-coded, Number of poles: 5, IP67, male contact, straight, unshielded |

### 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 | | |

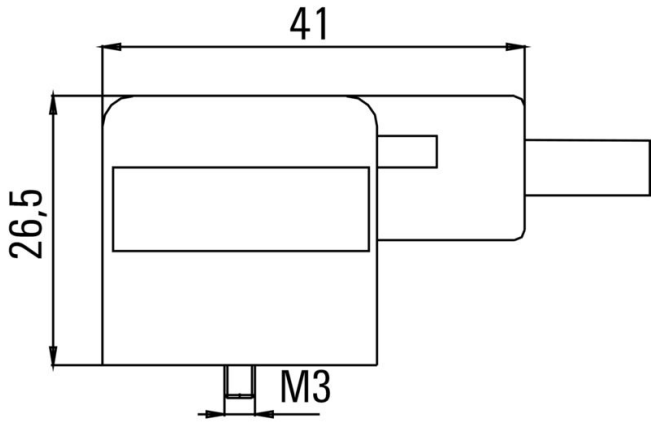
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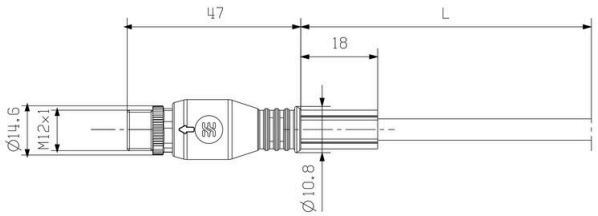
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## Drawings

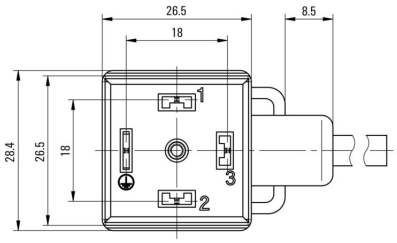
### Dimensioned drawing



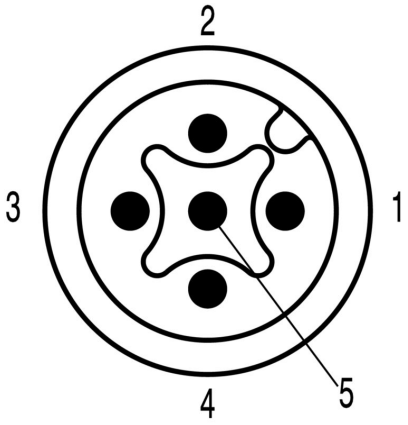

### Dimensioned drawing




### Pole scheme




### Pole scheme




### Wiring

