

**SAIL-VSBD180-M8G-3-2.5U****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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**

|            |                                                                                                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------|
| Version    | Valve cable (assembled), Straight plug - valve plug, DIN design B (10 mm), M8 = none, Cable length: 2.5 m, PUR, black |
| Order No.  | <a href="#">1276450250</a>                                                                                            |
| Type       | SAIL-VSBD180-M8G-3-2.5U                                                                                               |
| GTIN (EAN) | 4050118130539                                                                                                         |
| Qty.       | 1 pc(s).                                                                                                              |

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**Technical data****Dimensions and weights**

|            |      |
|------------|------|
| Net weight | 75 g |
|------------|------|

**Technical specifications for cable**

|                               |                     |                                  |                           |
|-------------------------------|---------------------|----------------------------------|---------------------------|
| Acceleration                  | 5 m/s <sup>2</sup>  | Bending cycles                   | 2 Mio                     |
| Bending radius, min., moving  | 10 x cable diameter | Bending radius, min., stationary | 5 x cable diameter        |
| Cable length                  | 2.5 m               | Colour coding                    | brown, blue, Green/yellow |
| Core cross-section            | 0.5 mm <sup>2</sup> | Halogen                          | No                        |
| Insulation                    | PP                  | Number of poles                  | 3                         |
| Outside diameter              | 4.6 mm ± 0.2 mm     | Resistant to welding beads       | No                        |
| Sheath material               | PUR                 | Sheathing colour                 | black                     |
| Shielded                      | No                  | Speed                            | 200 m/s                   |
| Suitable for cable carriers   | Yes                 | Temperature range, moving        | -25...80 °C               |
| Temperature range, stationary | -50...80 °C         | Torsion resistance               | 0 °/m                     |
| Welding spark resistance      | No                  |                                  |                           |

**General technical data**

|                                                     |                            |                              |                                 |
|-----------------------------------------------------|----------------------------|------------------------------|---------------------------------|
| All valve plugs are fitted with protective circuits | Suppressor diode           | Coding                       | DIN design B (10 mm), M8 = none |
| Contact surface                                     | tinned                     | LED                          | Yes                             |
| Protection degree                                   | IP67, when screwed in      | Rated current                | 4 A                             |
| Rated voltage                                       | 24 V                       | Temperature range of housing | -25...+80 °C                    |
| Version                                             | Straight plug - valve plug |                              |                                 |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001855    | ETIM 7.0    | EC001855    |
| ETIM 8.0    | EC001855    | ETIM 9.0    | EC001855    |
| ETIM 10.0   | EC001855    | ECLASS 9.0  | 27-06-03-12 |
| ECLASS 9.1  | 27-06-03-11 | ECLASS 10.0 | 27-06-03-12 |
| ECLASS 11.0 | 27-06-03-12 | ECLASS 12.0 | 27-06-03-12 |
| ECLASS 13.0 | 27-06-03-12 | ECLASS 14.0 | 27-06-03-12 |
| ECLASS 15.0 | 27-06-03-12 |             |             |

**Environmental Product Compliance**

|                        |                |
|------------------------|----------------|
| RoHS Compliance Status | Compliant      |
| REACH SVHC             | Lead 7439-92-1 |

**Approvals**

Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                                                                                                                                                                                                 |

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## Technical data

### Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        | <a href="#">FL FIELDWIRING EN</a>        |

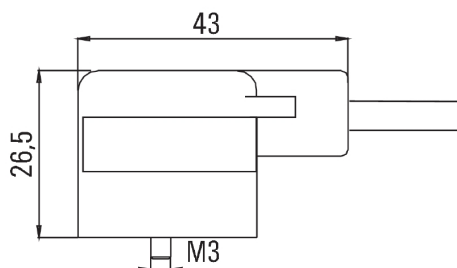
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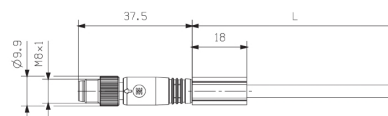
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

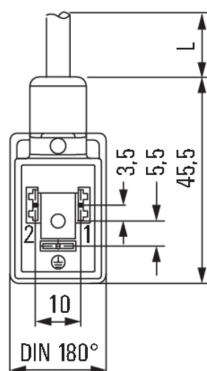
### Dimensioned drawing



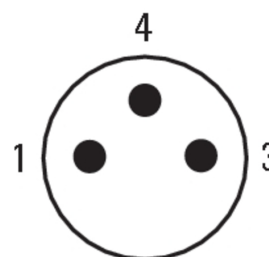
### Dimensioned drawing



### Pole scheme



### Pole scheme



### Wiring diagram

