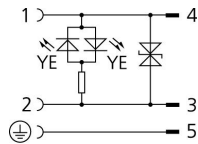
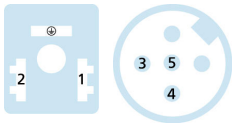
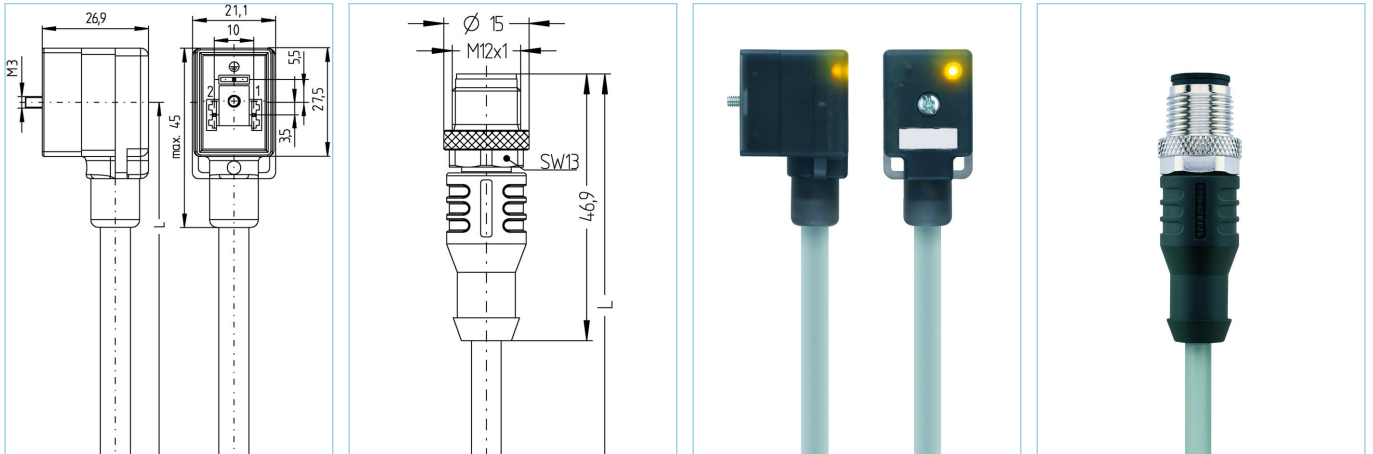


Valve connector, housing style B, 2+PE, M12, male, straight, 4+PE, z-diode, sensor-/actuator cable



**Product data**

|                    |                             |
|--------------------|-----------------------------|
| Item description   | VB21-24.3-1-AL-WAS5.002/P00 |
| Item-No.           | 8052236                     |
| Length             | 1m                          |
| Customs tariff-No. | 85444290                    |
| Step-File          | VBI21-24.3-L-AL-WAS5.stp    |
| EAN                | 4047106116040               |

**Technical data**

|                                | A-side                        | B-side                     |
|--------------------------------|-------------------------------|----------------------------|
| Connector                      | female, angled, Valve B       | male, straight, M12        |
| Number of pins                 | 2+PE                          | 4+PE                       |
| Pin assignment                 | 1 BN, 2 BU                    | 3 BU, 4 BN, 5 GNYE         |
| Coding of                      |                               | A                          |
| Rated voltage                  | 30V <sub>AC/DC</sub>          | 60V                        |
| Current load (at 40°C)         | 4A                            | 4A                         |
| Insulation resistance          | ≥10 <sup>8</sup> Ω            | ≥10 <sup>8</sup> Ω         |
| Ambient temperature product    | -30°C...+90°C                 | -30°C...+90°C              |
| Contact material               | Metal, CuZn, silver-plated    | Metal, CuZn, gold-plated   |
| Contact-carrier material       | Plastic, PA, BK               | Plastic, TPU, BK           |
| Grip body material             | Plastic, TPU, BK, translucent | Plastic, TPU, BK           |
| Coupling nut material          |                               | Metal, CuZn, nickel-plated |
| Sealing (female) material      | Plastic, TPU                  |                            |
| Signal status-indicator        | LED YE                        |                            |
| Protection circuit             | Suppressor diode              |                            |
| Fixing screw                   | Metal, CuZn, nickel-plated    |                            |
| Housing style                  | B                             |                            |
| Standards                      | DIN EN 175301-803             | IEC 61076-2-101            |
| Degree of protection (mounted) | IP65, IP67, IP68              | IP65, IP67, IP68           |
| Mechanical life-cycle          | >100 mating cycles            | >100 mating cycles         |
| Degree of pollution            | 3                             | 3                          |

**Cable web** PVC, P00, GY

PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry.

|                              |  |
|------------------------------|--|
| Outer diameter of jacket     | 4.90 mm  |
| Cable-jacket material        | PVC  |
| Jacket color                 | GY, similar RAL7040  |
| Wire cross-section           | 4+1 x 0.34mm <sup>2</sup>  |
| Wire insulation material     | PVC  |
| Wire colors                  | BN, WH, BU, BK, GNYE   |
| Wire structure               | 19 x 0.15 mm   |
| Bending radius (fixed)       | 5 x Ø-cable  |
| Bending radius (repeated)    | 10 x Ø-cable   |
| Temperature range (repeated) | 0°C...+80°C  |
| Temperature range (fixed)    | -25°C...+80°C  |
| Rated voltage cable          | ≤300 V   |
| Special features             | good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant |

**Classification**

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060312 |
| ETIM 5.0   | EC001855 |
| ETIM 6.0   | EC001855 |

**Accessories**

Labels, Valve connector  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047109>

**Link to product**

<https://www.escha.net/en/products/standard/valve-connectors/8052236>