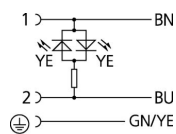
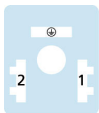
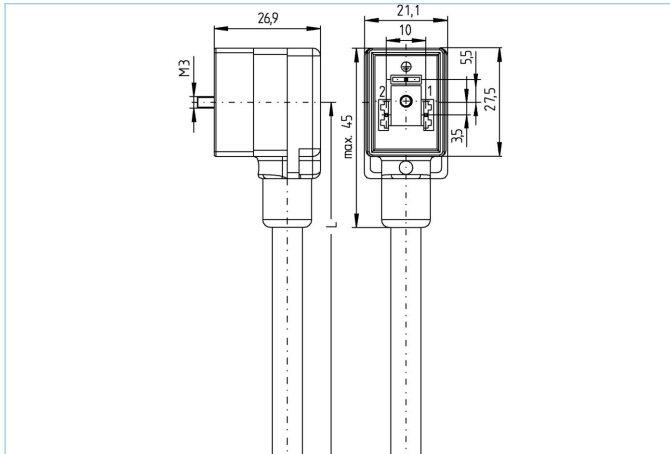


## Single-ended cordset, Valve connector, B



### Product data

|                    |                 |
|--------------------|-----------------|
| Item description   | VB21-24.1-5/P01 |
| Item-No.           | 8047825         |
| Length             | 5m              |
| Customs tariff-No. | 85444290        |
| Step-File          | VB21.stp        |
| EAN                | 4047106007447   |

### Technical data

|                                |                               |
|--------------------------------|-------------------------------|
| Connector                      | female, angled, Valve B       |
| Number of pins                 | 2+PE                          |
| Pin assignment                 | 1 BN, 2 BU, PE: GNYE          |
| Rated voltage                  | 30V <sub>AC/DC</sub>          |
| Current load (at 40°C)         | 10A                           |
| Insulation resistance          | ≥10 <sup>9</sup> Ω            |
| Ambient temperature product    | -30°C...+90°C                 |
| Signal status-indicator        | LED YE                        |
| Contact material               | Metal, CuSn, silver-plated    |
| Contact-carrier material       | Plastic, PA, BK               |
| Grip body material             | Plastic, TPU, BK, translucent |
| Sealing (female) material      | Plastic, TPU                  |
| Protection circuit             | without                       |
| Fixing screw                   | Metal, CuZn, nickel-plated    |
| Housing style                  | B                             |
| Standards                      | DIN EN 175301-803             |
| Degree of protection (mounted) | IP65, IP67, IP68              |
| Mechanical life-cycle          | >100 mating cycles            |
| Degree of pollution            | 3                             |

| Cable                                                                                                                                                                                                                                                                                                                                                                                   |  | PVC, UL, P01, 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. P01-cables meet the UL and CSA (UL1729/2464; cULus) requirements. |  |                                                                                                                      |
| Outer diameter of jacket                                                                                                                                                                                                                                                                                                                                                                |  | 6,10 +/- 0,2 mm                                                                                                      |
| Cable-jacket material                                                                                                                                                                                                                                                                                                                                                                   |  | PVC                                                                                                                  |
| Jacket color                                                                                                                                                                                                                                                                                                                                                                            |  | GY, similar RAL7040                                                                                                  |
| Wire cross-section                                                                                                                                                                                                                                                                                                                                                                      |  | 3 x 0.75 mm <sup>2</sup>                                                                                             |
| Wire insulation material                                                                                                                                                                                                                                                                                                                                                                |  | PVC                                                                                                                  |
| Wire colors                                                                                                                                                                                                                                                                                                                                                                             |  | BN, BU, GNYE                                                                                                         |
| Conductor structure                                                                                                                                                                                                                                                                                                                                                                     |  | 24 x 0,20 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                                                                                                                                                                                                                                                                                                                                                                        |  | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone 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<br><a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047109/Labels-valve-connector-housing-styles-B/BI/C/CI">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047109/Labels-valve-connector-housing-styles-B/BI/C/CI</a>                                                                                |  |                                                                                                                      |
| Fixing screw<br><a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8060907/Stainless-steel-screws-for-valve-connector-M3x28">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8060907/Stainless-steel-screws-for-valve-connector-M3x28</a>                                                                                         |  |                                                                                                                      |