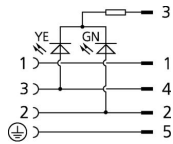
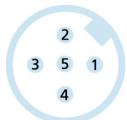
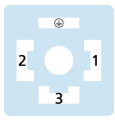
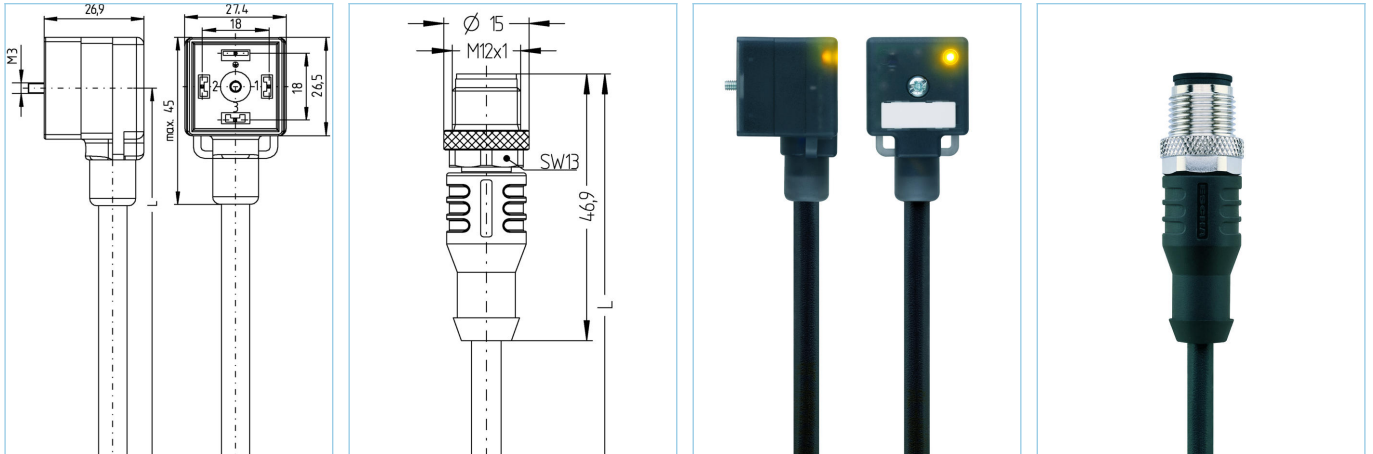


Valve connector, housing style A, 3+PE, M12, male, straight, 4+PE, wire contact, sensor-/actuator cable



**Product data**

|                    |                          |
|--------------------|--------------------------|
| Item description   | VA41-24.2-3-AL-WAS5/S370 |
| Item-No.           | 8071860                  |
| Length             | 3m                       |
| Customs tariff-No. | 85444290                 |
| Step-File          | VA41_24.2_AL_WAS5.stp    |
| EAN                | 4047106222390            |

**Technical data**

|                                | A-side                        | B-side                         |
|--------------------------------|-------------------------------|--------------------------------|
| Connector                      | female, angled, Valve A       | male, straight, M12            |
| Number of pins                 | 3+PE wire                     | 4+PE                           |
| Pin assignment                 | 1 BN, 2 WH, 3 BK              | 1 BN, 2 WH, 3 BU, 4 BK, 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/GN                     |                                |
| Protection circuit             | without                       |                                |
| Fixing screw                   | Metal, CuZn, nickel-plated    |                                |
| Housing style                  | A                             |                                |
| 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                              |

|                  |                         |
|------------------|-------------------------|
| <b>Cable web</b> | <b>PVC, UL, P01, GY</b> |
|------------------|-------------------------|

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     | 5.30 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 |

|                       |  |
|-----------------------|--|
| <b>Classification</b> |  |
|-----------------------|--|

|            |          |
|------------|----------|
| 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 |

|                    |
|--------------------|
| <b>Accessories</b> |
|--------------------|

Labels, Valve connector

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