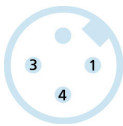
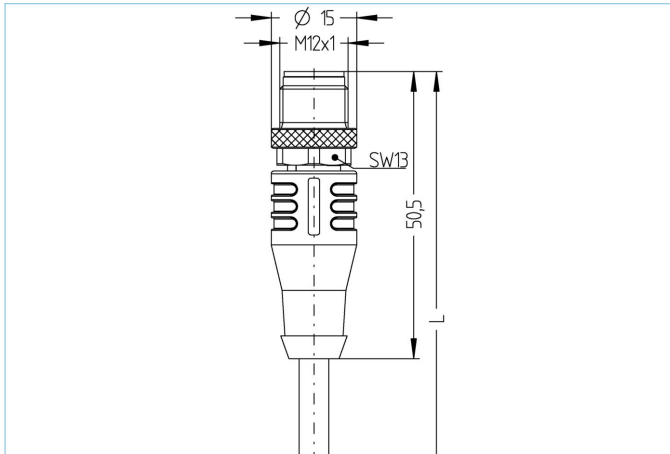


## Single-ended cordset, Automation Line, M12, shielded



### Product data

|                    |                |
|--------------------|----------------|
| Item description   | AL-WASS3-2/P01 |
| Item-No.           | 8051380        |
| Length             | 2m             |
| Customs tariff-No. | 85444290       |
| Step-File          | AL-WASS3.stp   |
| EAN                | 4047106020590  |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | male, straight, M12        |
| Number of pins                 | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4 BK           |
| Coding                         | A                          |
| Rated voltage                  | 250V                       |
| Current load (at 40°C)         | 4A                         |
| Insulation resistance          | $\geq 10^8 \Omega$         |
| Resistance                     | $\leq 5 m\Omega$           |
| Ambient temperature product    | -30°C...+90°C              |
| Contact material               | Metal, CuSn, gold-plated   |
| Contact-carrier material       | Plastic, TPU, BK           |
| Grip body material             | Plastic, TPU, BK           |
| Coupling nut material          | Metal, CuZn, nickel-plated |
| Shielding                      | with shielding             |
| Standards                      | IEC 61076-2-101            |
| Degree of protection (mounted) | IP65, IP67, IP68           |
| Mechanical life-cycle          | >100 mating cycles         |
| Cable end assembly             | open cable end             |
| Degree of pollution            | 3                          |

|              |                         |
|--------------|-------------------------|
| <b>Cable</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. P01-cables meet the UL and CSA (UL1729/2464; cULus) requirements. Very good EMC-features with shielded versions.

|                              |                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket     | 5,00 mm                                                                                                                                |
| Cable-jacket material        | PVC                                                                                                                                    |
| Jacket color                 | GY, similar RAL7040                                                                                                                    |
| Wire cross-section           | 3 x 0.34 mm <sup>2</sup>                                                                                                               |
| Wire insulation material     | PVC                                                                                                                                    |
| Wire colors                  | BN, BU, BK                                                                                                                             |
| Conductor 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                                                                                                                          |
| Shielding                    | Yes                                                                                                                                    |
| Rated voltage cable          | ≤300 V                                                                                                                                 |
| Special features             | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof |

#### Classification

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |
| ETIM 5.0   | EC001855 |
| ETIM 6.0   | EC001855 |

#### Accessories

Mounting-set, M12  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047664/Mounting-set-M12-clips-and-screws-M4x8-black>

Torque-wrench set  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12>

Marking rings Ø 9mm  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809>

Cable Stripping Tool  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter>

Cable Stripping Tool  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter>