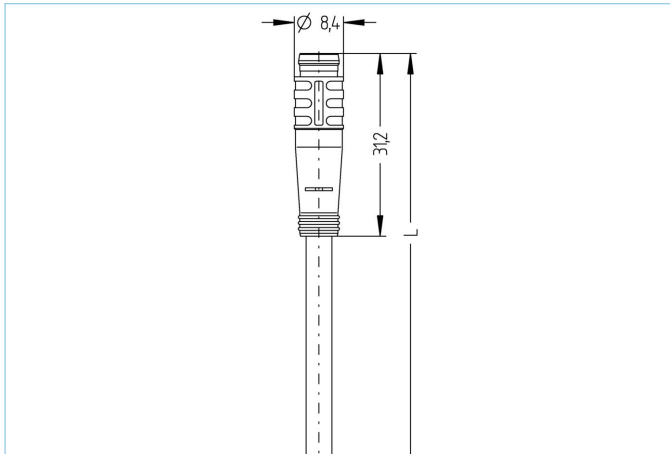


## Single-ended cordset, Automation Line, Ø8mm snap



### Product data

|                    |                 |
|--------------------|-----------------|
| Item description   | AL-SP4-10/P01BK |
| Item-No.           | 8082042         |
| Length             | 10m             |
| Customs tariff-No. | 85444290        |
| Step-File          | AL-SP4.stp      |
| EAN                | 4047106234744   |

### Technical data

|                                |                           |
|--------------------------------|---------------------------|
| Connector                      | male, straight, Ø8mm snap |
| Number of pins                 | 4                         |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK    |
| Rated voltage                  | 60V                       |
| Current load (at 40°C)         | 4A                        |
| Insulation resistance          | $\geq 10^9 \Omega$        |
| 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          |
| Standards                      | IEC 61076-2-104           |
| Degree of protection (mounted) | IP65, IP67, IP68          |
| Mechanical life-cycle          | >100 mating cycles        |
| Cable end assembly             | open cable end            |
| Degree of pollution            | 3/2                       |

| Cable                                                                                                                                                                                                                                                                                                                 |  | PVC, P01BK, UL                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                              |  | 4,70 mm                                                                                                              |
| Cable-jacket material                                                                                                                                                                                                                                                                                                 |  | PVC                                                                                                                  |
| Jacket color                                                                                                                                                                                                                                                                                                          |  | BK, similar RAL9005                                                                                                  |
| Wire cross-section                                                                                                                                                                                                                                                                                                    |  | 4 x 0.25 mm <sup>2</sup>                                                                                             |
| Wire insulation material                                                                                                                                                                                                                                                                                              |  | PVC                                                                                                                  |
| Wire colors                                                                                                                                                                                                                                                                                                           |  | BN, WH, BU, BK                                                                                                       |
| Conductor structure                                                                                                                                                                                                                                                                                                   |  | 14 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                                                                                                                                                                                                                                                                                                      |  | 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                                                                                                                                                                                                                                                                                                            |  | 27060311                                                                                                             |
| ETIM 5.0                                                                                                                                                                                                                                                                                                              |  | EC001855                                                                                                             |
| ETIM 6.0                                                                                                                                                                                                                                                                                                              |  | EC001855                                                                                                             |
| Accessories                                                                                                                                                                                                                                                                                                           |  |                                                                                                                      |
| Mounting-set, M8<br><a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047663/Mounting-set-M8-clips-and-screws-M4x8-black">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047663/Mounting-set-M8-clips-and-screws-M4x8-black</a>                             |  |                                                                                                                      |
| Torque-wrench set<br><a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12</a>                                                                  |  |                                                                                                                      |
| Marking rings Ø 9mm<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=809">https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=809</a>                                                                  |  |                                                                                                                      |
| Cable Stripping Tool<br><a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter</a>                 |  |                                                                                                                      |
| Cable Stripping Tool<br><a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter</a>                 |  |                                                                                                                      |