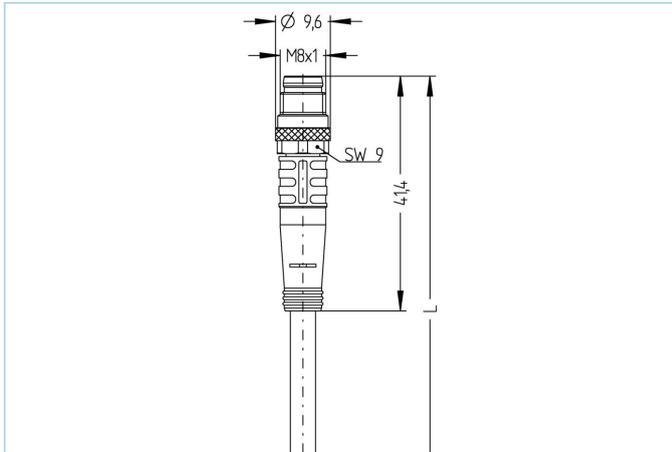


## Single-ended cordset, Automation Line, M8



### Product data

|                    |                 |
|--------------------|-----------------|
| Item description   | AL-SSP4-5/P01BK |
| Item-No.           | 8081842         |
| Length             | 5m              |
| Customs tariff-No. | 85444290        |
| Step-File          | AL-SSP4.stp     |
| EAN                | 4047106232900   |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | male, straight, M8         |
| 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           |
| Coupling nut material          | Metal, CuZn, nickel-plated |
| 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  |
|--|
| <b>Mounting-set, M8</b><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>             |
| <b>Torque-wrench set</b><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>  |
| <b>Marking rings Ø 9mm</b><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>  |
| <b>Cable Stripping Tool</b><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> |
| <b>Cable Stripping Tool</b><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> |