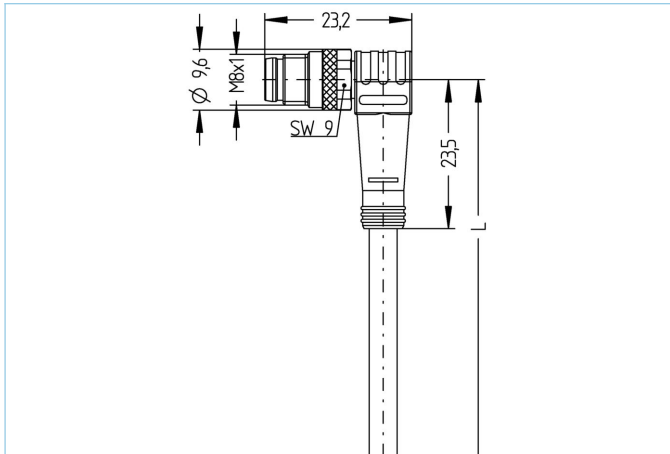


Single-ended cordset, Automation Line, M8



Product data

| | |
|--------------------|------------------|
| Item description | AL-SWSP3-2/P01BK |
| Item-No. | 8081832 |
| Length | 2m |
| Customs tariff-No. | 85444290 |
| Step-File | AL-SWSP3.stp |
| EAN | 4047106232801 |

Technical data

| | |
|--------------------------------|----------------------------|
| Connector | male, angled, M8 |
| Number of pins | 3 |
| Pin assignment | 1 BN, 3 BU, 4 BK |
| Rated voltage | 60V |
| Current load (at 40°C) | 4A |
| Insulation resistance | ≥10 ⁹ Ω |
| Resistance | ≤ 5mΩ |
| 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 |

| 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 | 4,30 mm |
| Cable-jacket material | PVC |
| Jacket color | BK, similar RAL9005 |
| Wire cross-section | 3 x 0.25 mm ² |
| Wire insulation material | PVC |
| Wire colors | BN, 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 https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047663/Mounting-set-M8-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 | |