

M8, male, angled, 4 poles, sensor-/actuator cable



Product data

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| Item description | AL-SWSP4-10/P01 |
| Item-No. | 8051249 |
| Length | 10m |
| Customs tariff-No. | 85444290 |
| Step-File | AL-SWSP4.stp |
| EAN | 4047106017576 |

Technical data

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| Connector | male, angled, M8 |
| Number of pins | 4 |
| Pin assignment | 1 BN, 2 WH, 3 BU, 4 BK |
| Rated voltage | 60V |
| Current load per pin (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 |
| Style | angled |

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| Cable | PVC, UL, P01, GY |
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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.

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| Outer diameter of jacket | 4.70 mm |
| Cable-jacket material | PVC |
| Jacket color | GY, similar RAL7040 |
| Wire cross-section | 4 x 0.25 mm ² |
| Wire insulation material | PVC |
| Wire colors | BN, WH, BU, BK |
| Wire 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 |

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| Classification |
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| 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 |

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| Accessories |
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| Mounting-set, M8 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663 |
| Torque-wrench set https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 |
| 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 https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216 |

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| Link to product |
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| https://www.escha.net/en/products/standard/sensoractuator-connectors/8051249 |
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