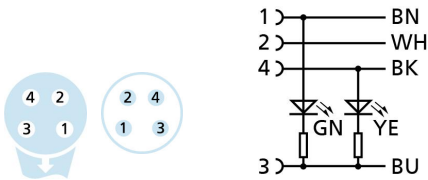
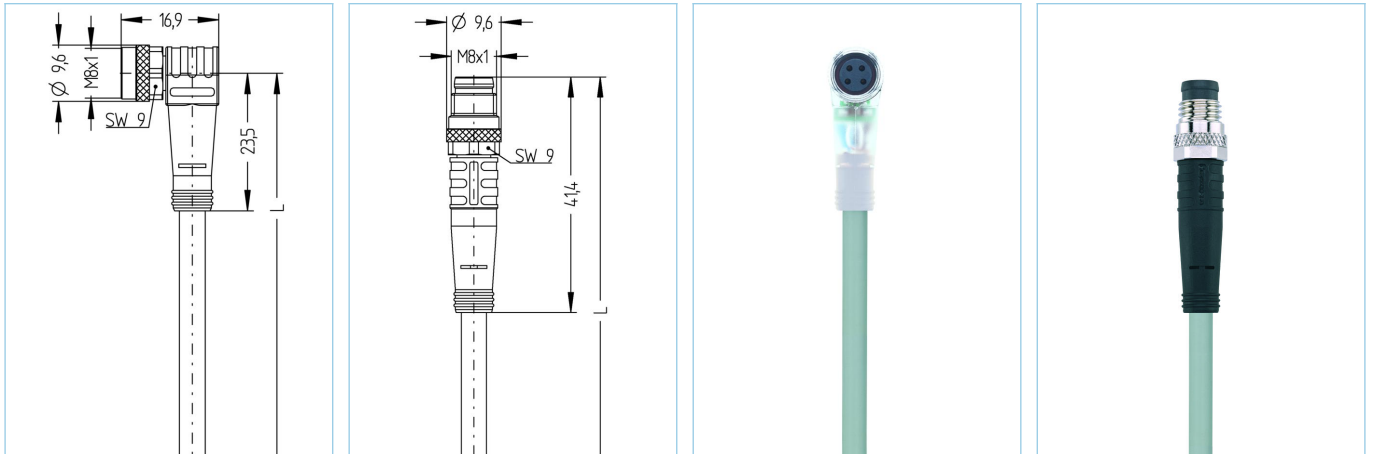


M8, female, angled, 4 poles, M8, male, straight, 4 poles, with LED, sensor-/actuator cable



| Product data | | |
|--------------------------------|------------------------------|----------------------------|
| Item description | AL-SWKP4P2-1-AL-SSP4/P01 | |
| Item-No. | 8051742 | |
| Length | 1m | |
| Customs tariff-No. | 85444290 | |
| Step-File | AL-SWKP4P2_AL-SSP4.stp | |
| EAN | 4047106059033 | |
| Technical data | A-side | B-side |
| Connector | female, angled, M8, with LED | male, straight, M8 |
| Number of pins | 4 | 4 |
| Pin assignment | 1 BN, 2 WH, 3 BU, 4BK | 1 BN, 2 WH, 3 BU, 4BK |
| Rated voltage | 30V | 60V |
| Current load (at 40°C) | 3A | 3A |
| Insulation resistance | ≥10 ⁸ Ω | ≥10 ⁸ Ω |
| Resistance | ≤ 5mΩ | ≤ 5mΩ |
| Ambient temperature product | -30°C...+90°C | -30°C...+90°C |
| Contact material | Metal, CuZn, gold-plated | Metal, CuSn, gold-plated |
| Contact-carrier material | Plastic, TPU, BK | Plastic, TPU, BK |
| Grip body material | Plastic, TPU, transparent | Plastic, TPU, BK |
| Coupling nut material | Metal, CuZn, nickel-plated | Metal, CuZn, nickel-plated |
| Sealing (female) material | FPM/FKM | |
| Circuit logic | npn | |
| Signal status-indicator | LED YE | |
| Operating voltage-indicator | LED GN | |
| Standards | IEC 61076-2-104 | IEC 61076-2-104 |
| Degree of protection (mounted) | IP65, IP67, IP68 | IP65, IP67, IP68 |
| Mechanical life-cycle | >100 mating cycles | >100 mating cycles |
| Degree of pollution | 3/2 | 3/2 |

| | |
|------------------|-------------------------|
| Cable web | PVC, UL, P01, GY |
|------------------|-------------------------|

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 | 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 | good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant |

| | |
|-----------------------|--|
| 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-clip, M8 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047658 |
| 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 |
| Screw plug, M8 https://www.escha.net/en/products/standard/accessories-for-connectivity/8081771 |
| Screw cap, M8 https://www.escha.net/en/products/standard/accessories-for-connectivity/8081761 |

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|------------------------|
| Link to product |
|------------------------|

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| https://www.escha.net/en/products/standard/sensoractuator-connectors/8051742 |
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