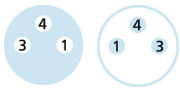
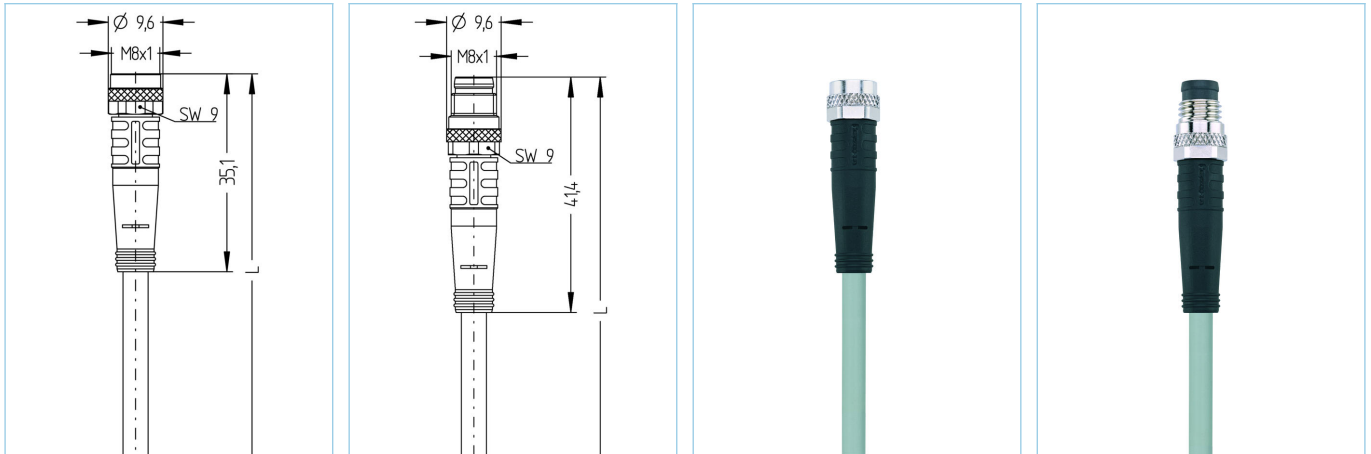


M8, female, straight, 3 poles, M8, male, straight, 3 poles, sensor-/actuator cable



| Product data       |                       |
|--------------------|-----------------------|
| Item description   | AL-SKP3-1-AL-SSP3/P00 |
| Item-No.           | 8051434               |
| Length             | 1m                    |
| Customs tariff-No. | 85444290              |
| Step-File          | AL-SKP3_AL-SSP3.stp   |
| EAN                | 4047106021207         |
| Label-carrier      | 2 pieces              |

| Technical data                 | A-side                     | B-side                     |
|--------------------------------|----------------------------|----------------------------|
| Connector                      | female, straight, M8       | male, straight, M8         |
| Number of pins                 | 3                          | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4BK            | 1 BN, 3 BU, 4BK            |
| Rated voltage                  | 60V                        | 60V                        |
| Current load (at 40°C)         | 4A                         | 4A                         |
| Insulation resistance          | ≥10 <sup>9</sup> Ω         | ≥10 <sup>9</sup> Ω         |
| Resistance                     | ≤ 5mΩ                      | ≤ 5mΩ                      |
| Ambient temperature product    | -30°C...+90°C              | -30°C...+90°C              |
| Contact material               | Metal, CuSn, gold-plated   | Metal, CuSn, gold-plated   |
| Contact-carrier material       | Plastic, TPU, BK           | Plastic, TPU, BK           |
| Grip body material             | Plastic, TPU, BK           | Plastic, TPU, BK           |
| Coupling nut material          | Metal, CuZn, nickel-plated | Metal, CuZn, nickel-plated |
| Sealing (female) material      | FPM/FKM                    |                            |
| 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                          | 3                          |

|              |                     |
|--------------|---------------------|
| <b>Cable</b> | <b>PVC, P00, GY</b> |
|--------------|---------------------|

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     | 4.00 mm  |
| Cable-jacket material        | PVC  |
| Jacket color                 | GY, similar RAL7040  |
| Wire cross-section           | 3 x 0.25 mm <sup>2</sup>   |
| Wire insulation material     | PVC  |
| Wire colors                  | BN, 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 |

|                       |  |
|-----------------------|--|
| <b>Classification</b> |  |
|-----------------------|--|

|            |          |
|------------|----------|
| 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 |

|                    |
|--------------------|
| <b>Accessories</b> |
|--------------------|

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>

|                        |
|------------------------|
| <b>Link to product</b> |
|------------------------|

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8051434>