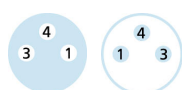
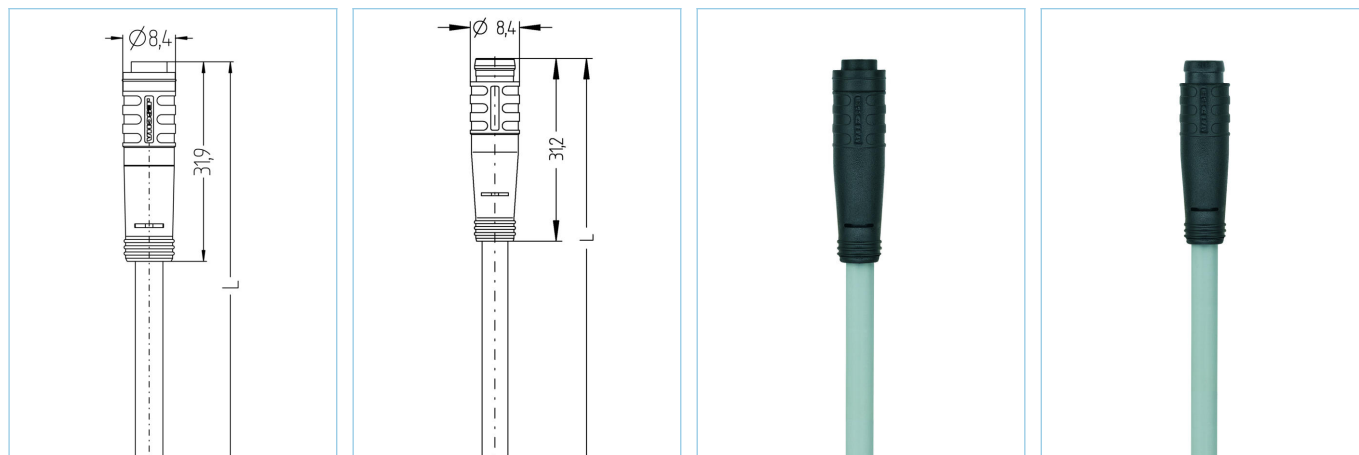


# Ø8mm snap, female, straight, 3 poles, Ø8mm snap, male, straight, 3 poles, sensor-/actuator cable



## Product data

|                    |                     |
|--------------------|---------------------|
| Item description   | AL-KP3-5-AL-SP3/P00 |
| Item-No.           | 8075724             |
| Length             | 5m                  |
| Customs tariff-No. | 85444290            |
| Step-File          | AL-KP3-L-AL-SP3.stp |
| EAN                | 4047106168070       |

## Technical data

|                                | A-side                      | B-side                     |
|--------------------------------|-----------------------------|----------------------------|
| Connector                      | female, straight, Ø8mm snap | male, straight, Ø 8mm snap |
| Number of pins                 | 3                           | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4 BK            | 1 BN, 3 BU, 4 BK           |
| Rated voltage                  | 60V                         | 60V                        |
| Current load (at 40°C)         | 4A                          | 4A                         |
| Insulation resistance          | $\geq 10^9 \Omega$          | $\geq 10^9 \Omega$         |
| Resistance                     | $\leq 5 m\Omega$            | $\leq 5 m\Omega$           |
| 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           |
| 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                          |

## Cable web PVC, P00, 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     | 4.00 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             | good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater 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-clip, M12  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660>

Marking rings Ø 9mm  
<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809>

## Link to product

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8075724>