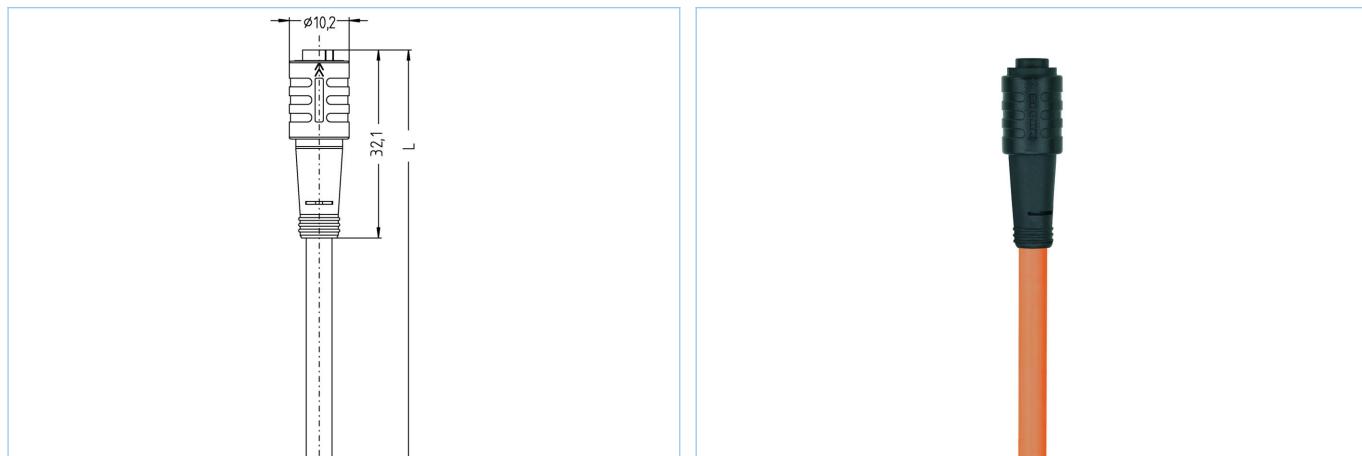


Ø8mm snap, female, straight, 3 poles, with locking mechanism, sensor-/actuator cable



#### Product data

|                    |                 |
|--------------------|-----------------|
| Item description   | AL-ZKP3-2/S7400 |
| Item-No.           | 8059143         |
| Length             | 2m              |
| Customs tariff-No. | 85444290        |
| Step-File          | AL-ZKP3.stp     |
| EAN                | 4047106147013   |

#### Technical data

|                                |   |
|--------------------------------|---|
| Connector                      | female, straight, Ø8mm snap, with locking mechanism |
| Number of pins                 | 3   |
| Pin assignment                 | 1 BN, 3 BU, 4 BK                                    |
| Rated voltage                  | 60V   |
| Current load per pin (at 40°C) | 4A  |
| Insulation resistance          | $\geq 10\Omega$                                     |
| Resistance                     | $\leq 5m\Omega$                                     |
| 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                                    |
| Sealing (female) material      | FPM/FKM   |
| 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   |
| Style                          | straight  |

**Cable**
**PUR, UL, S7400, robotic**

Flexible, silicone- and halogen free control cable with high mechanical strength. Due to its outstanding properties in drag-chain adaption, torsionresistance and weld-field immunity, it is very well suited for the flexible applications in robotics, handling- and assembly technology as well as machine tools. The cable meets the UL and CSA (UL10493/20549; cULus) requirements.

|                                |  |
|--------------------------------|--|
| Outer diameter of jacket       | 4.60 mm  |
| Cable-jacket material          | PUR  |
| Jacket color                   | OG, similar RAL2003  |
| Wire cross-section             | 3 x 0.25 mm <sup>2</sup>   |
| Wire insulation material       | PP   |
| Wire colors                    | BN, BU, BK   |
| Wire structure                 | 32 x 0.10 mm   |
| Bending radius (fixed)         | 5 x Ø-cable  |
| Bending radius (repeated)      | 10 x Ø-cable   |
| Temperature range (repeated)   | -30°C...+90°C  |
| Temperature range (fixed)      | -40°C...+90°C  |
| Temperature range (drag chain) | -25°C...+60°C  |
| Drag chain-application         | ≥ 10 Mio. cycles   |
| Halogen-free                   | Yes  |
| Torsion                        | +/-360°/m, ≥ 10 Mio. cycles  |
| Rated voltage cable            | ≤300 V   |
| Special features               | flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, torsion resistant, welding sparks resistant, halogen free, silicone free, oil 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<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663">https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663</a>  |  |
| Torque-wrench set<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431">https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431</a>   |  |
| Marking rings Ø 9mm<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=809">https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=809</a> |  |
| Cable Stripping Tool<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215">https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215</a>  |  |
| Cable Stripping Tool<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216">https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216</a>  |  |

**Link to product**

|   |
|---|
| <a href="https://www.escha.net/en/products/standard/sensoractuator-connectors/8059143">https://www.escha.net/en/products/standard/sensoractuator-connectors/8059143</a> |
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