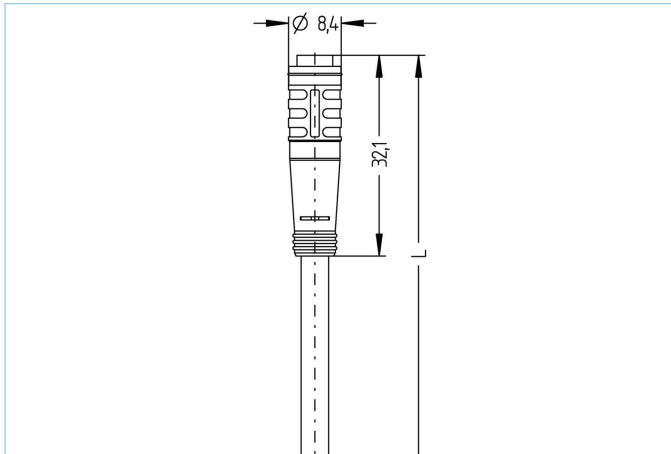


## Ø8mm snap, female, straight, 4 poles, sensor-/actuator cable



### Product data

|                    |               |
|--------------------|---------------|
| Item description   | AL-KP4-2/P00  |
| Item-No.           | 8052690       |
| Length             | 2m            |
| Customs tariff-No. | 85444290      |
| Step-File          | AL-KP4.stp    |
| EAN                | 4047106137854 |

### Technical data

|                                |                             |
|--------------------------------|-----------------------------|
| Connector                      | female, straight, Ø8mm snap |
| 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          | ≥10 <sup>9</sup> Ω          |
| Resistance                     | ≤ 5mΩ                       |
| 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            | 3/2                         |
| Style                          | straight                    |

|              |                     |
|--------------|---------------------|
| <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     | 4.20 mm  |
| Cable-jacket material        | PVC  |
| Jacket color                 | GY, similar RAL7040  |
| Wire cross-section           | 4 x 0.25 mm <sup>2</sup>   |
| 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 |

|                       |  |
|-----------------------|--|
| <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<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>  |  |

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

|   |  |
|---|--|
| <a href="https://www.escha.net/en/products/standard/sensoractuator-connectors/8052690">https://www.escha.net/en/products/standard/sensoractuator-connectors/8052690</a> |  |
|---|--|