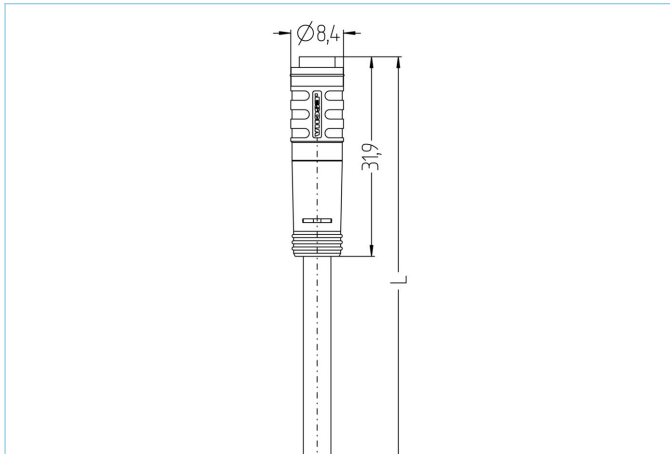


## Ø8mm snap, female, straight, 4 poles, sensor-/actuator cable



### Product data

|                    |                |
|--------------------|----------------|
| Item description   | AL-KP4-0,5/P00 |
| Item-No.           | 8060816        |
| Length             | 0.5m           |
| Customs tariff-No. | 85444290       |
| Step-File          | AL-KP4.stp     |
| EAN                | 4047106196172  |

### 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>8</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                    |

## 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     | 4.20 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             | 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>

Screw plug, Ø8mm snap  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081769>

Cable Stripping Tool  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215>

Cable Stripping Tool  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216>