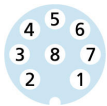
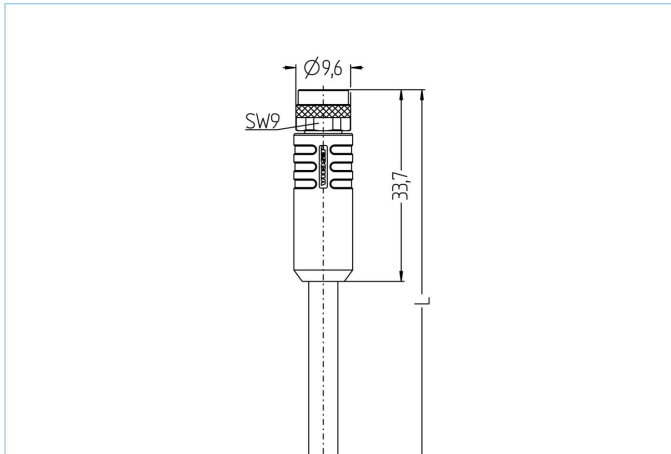


## M8, female, straight, 8 poles, shielded, sensor-/actuator cable



### Product data

|                    |                |
|--------------------|----------------|
| Item description   | AL-SKPS8-5/P00 |
| Item-No.           | 8114984        |
| Length             | 5m             |
| Customs tariff-No. | 85444290       |
| Step-File          | AL-SKPS8-m.stp |
| EAN                | 4047106317164  |

### Technical data

|                                |  |
|--------------------------------|--|
| Connector                      | female, straight, M8                           |
| Number of pins                 | 8  |
| Pin assignment                 | 1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD |
| Rated voltage                  | 30V  |
| Current load per pin (at 40°C) | 1.5A   |
| Insulation resistance          | ≥10 <sup>9</sup> Ω                             |
| Resistance                     | ≤ 5mΩ  |
| Ambient temperature product    | -30°C...+90°C                                  |
| Contact material               | Metal, CuZn, gold-plated                       |
| Contact-carrier material       | Plastic, TPU, BK                               |
| Grip body material             | Plastic, TPU, BK                               |
| Coupling nut material          | Metal, CuZn, nickel-plated                     |
| Sealing (female) material      | FPM/FKM  |
| Shielding                      | with shielding                                 |
| 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                                       |

|              |                     |
|--------------|---------------------|
| <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. Very good EMC-features with shielded versions.

|                              |   |
|------------------------------|---|
| Outer diameter of jacket     | 6.70 mm   |
| Cable-jacket material        | PVC   |
| Jacket color                 | GY, similar RAL7040   |
| Wire cross-section           | 8 x 0.25 mm <sup>2</sup>  |
| Wire insulation material     | PVC   |
| Wire colors                  | WH, BN, GN, YE, GY, PK, BU, RD  |
| 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   |
| Shielding                    | Yes   |
| Rated voltage cable          | ≤300 V  |
| Special features             | good resistance against oils and chemicals, hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, sea-water 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-clip, M8<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8047658">https://www.escha.net/en/products/standard/accessories-for-connectivity/8047658</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>    |
| Screw plug, M8<br><a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/8081771">https://www.escha.net/en/products/standard/accessories-for-connectivity/8081771</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> |
|------------------------|

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8114984>