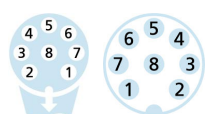
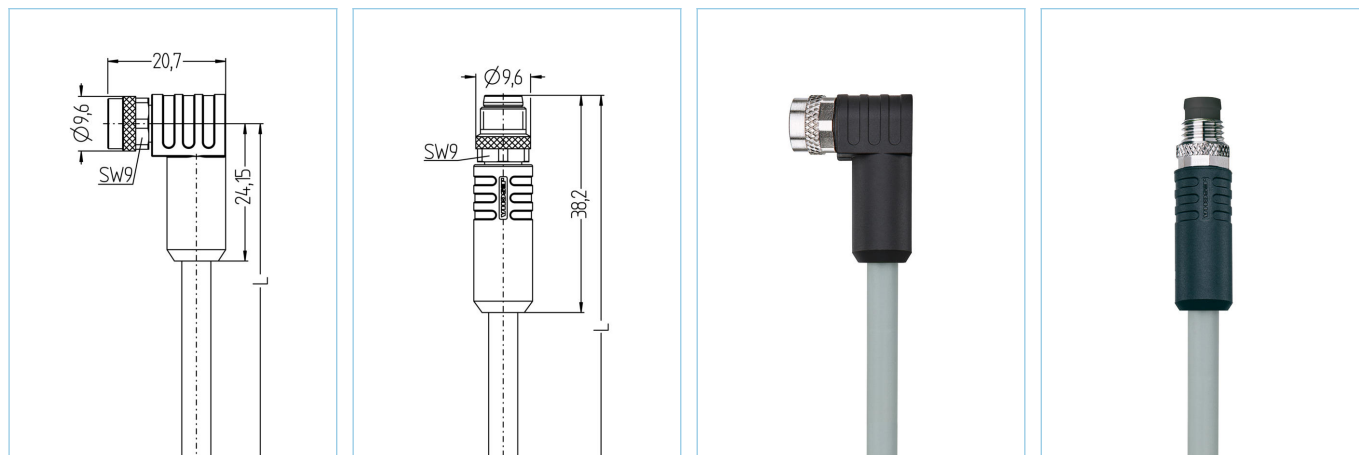


# M8, female, angled, 8 poles, M8, male, straight, 8 poles, shielded, sensor-/actuator cable



## Product data

|                    |                          |
|--------------------|--------------------------|
| Item description   | AL-SWKPS8-2-AL-SSPS8/P00 |
| Item-No.           | 8114999                  |
| Length             | 2m                       |
| Customs tariff-No. | 85444290                 |
| Step-File          | AL-SWKPS8-m-AL-SSPS8.stp |
| EAN                | 4047106317317            |

| Technical data                 | A-side                                         | B-side                                         |
|--------------------------------|------------------------------------------------|------------------------------------------------|
| Connector                      | female, angled, M8                             | male, straight, M8                             |
| Number of pins                 | 8                                              | 8                                              |
| Pin assignment                 | 1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD | 1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD |
| Rated voltage                  | 30V                                            | 30V                                            |
| Current load (at 40°C)         | 1.5A                                           | 1.5A                                           |
| 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, CuZn, gold-plated                       | Metal, CuZn, gold-plated                       |
| Contact-carrier material       | Plastic, TPU, BK                               | Plastic, TPU, BK                               |
| Grip body material             | Plastic, TPU, BK                               | Plastic, TPU, BK                               |
| Coupling nut material          | Metal, CuZn, nickel-plated                     | Metal, CuZn, nickel-plated                     |
| Sealing (female) material      | FPM/FKM                                        |                                                |
| Shielding                      | with shielding                                 | with shielding                                 |
| 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. 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 |

## 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, M8  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047658>

Torque-wrench set  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431>

Screw plug, M8  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081771>

Screw cap, M8  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/8081761>

## Link to product

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8114999>