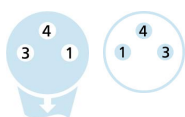
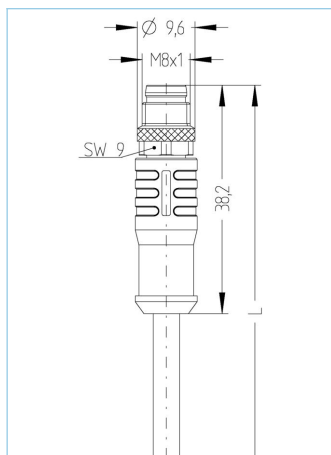
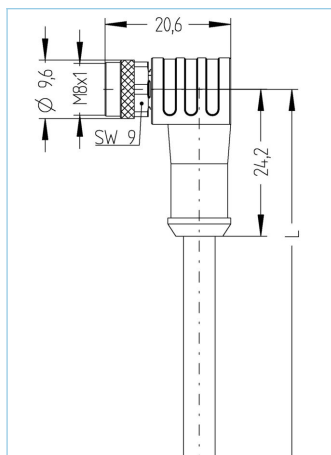


**M8, female, angled, 3 poles, M8, male, straight, 3 poles, shielded, sensor-/actuator cable**



**Product data**

|                    |                          |
|--------------------|--------------------------|
| Item description   | AL-SWKPS3-2-AL-SSPS3/P00 |
| Item-No.           | 8051568                  |
| Length             | 2m                       |
| Customs tariff-No. | 85444290                 |
| Step-File          | AL-SWKPS3_AL-SSPS3.stp   |
| EAN                | 4047106023775            |

**Technical data**

**A-side**

**B-side**

|                                |                            |                            |
|--------------------------------|----------------------------|----------------------------|
| Connector                      | female, angled, M8         | male, straight, M8         |
| Number of pins                 | 3                          | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4 BK           | 1 BN, 3 BU, 4 BK           |
| Rated voltage                  | 60V                        | 60V                        |
| Current load (at 40°C)         | 4A                         | 4A                         |
| 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, CuSn, gold-plated   | Metal, CuSn, 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     | 4.60 mm                                                                                                                                                                             |
| Cable-jacket material        | PVC                                                                                                                                                                                 |
| Jacket color                 | GY, similar RAL7040                                                                                                                                                                 |
| Wire cross-section           | 3 x 0.25 mm <sup>2</sup>                                                                                                                                                            |
| Wire insulation material     | PVC                                                                                                                                                                                 |
| Wire colors                  | BN, 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                                                                                                                                                                       |
| 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>

### Marking rings Ø 9mm

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809>

### 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/8051568>