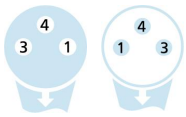
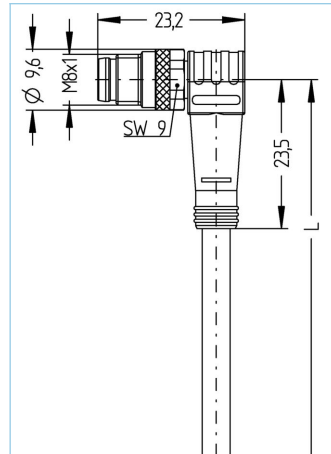
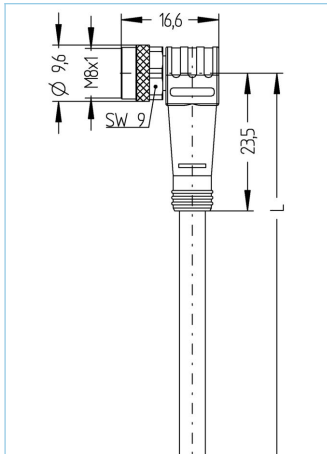


M8, female, angled, 3 poles, M8, male, angled, 3 poles, sensor-/actuator cable



Product data

|                    |                            |
|--------------------|----------------------------|
| Item description   | AL-SWKP3-1-AL-SWSP3/S370GY |
| Item-No.           | 8059195                    |
| Length             | 1m                         |
| Customs tariff-No. | 85444290                   |
| Step-File          | AL-SWKP3_AL-SWSP3.stp      |
| EAN                | 4047106147655              |
| Label-carrier      | 2 pieces                   |

| Technical data                 | A-side                     | B-side                     |
|--------------------------------|----------------------------|----------------------------|
| Connector                      | female, angled, M8         | male, angled, M8           |
| Number of pins                 | 3                          | 3                          |
| Pin assignment                 | 1 BN, 3 BU, 4BK            | 1 BN, 3 BU, 4BK            |
| Rated voltage                  | 60V                        | 60V                        |
| Current load (at 40°C)         | 4A                         | 4A                         |
| Insulation resistance          | ≥10 <sup>9</sup> Ω         | ≥10 <sup>9</sup> Ω         |
| Resistance                     | ≤ 5mΩ                      | ≤ 5mΩ                      |
| 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                    |                            |
| 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                          |

|              |                        |
|--------------|------------------------|
| <b>Cable</b> | <b>PUR, UL, S370GY</b> |
|--------------|------------------------|

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The drag-chain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

|                                |  |
|--------------------------------|--|
| Outer diameter of jacket       | 4.00 mm  |
| Cable-jacket material          | PUR  |
| Jacket color                   | GY, similar RAL7040  |
| Wire cross-section             | 3 x 0.25 mm <sup>2</sup>   |
| Wire insulation material       | PP   |
| Wire colors                    | BN, BU, BK   |
| Wire structure                 | 32 x 0.10 mm   |
| Bending radius (fixed)         | 5 x Ø-cable  |
| Bending radius (repeated)      | 10 x Ø-cable   |
| Temperature range (repeated)   | -30°C...+90°C  |
| Temperature range (fixed)      | -40°C...+90°C  |
| Temperature range (drag chain) | -25°C...+60°C  |
| Drag chain-application         | 5 Mio. cycles  |
| Halogen-free                   | Yes  |
| Torsion                        | +/-360°/m, ≥ 2 Mio. cycles   |
| Rated voltage cable            | ≤300 V   |
| Special features               | flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, torsion resistant, welding sparks resistant, halogen free, silicone free, oil 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> |
|--------------------|

|                         |
|-------------------------|
| <b>Mounting-set, M8</b> |
|-------------------------|

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047663>

|                          |
|--------------------------|
| <b>Torque-wrench set</b> |
|--------------------------|

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

|                            |
|----------------------------|
| <b>Marking rings Ø 9mm</b> |
|----------------------------|

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

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

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8059195>