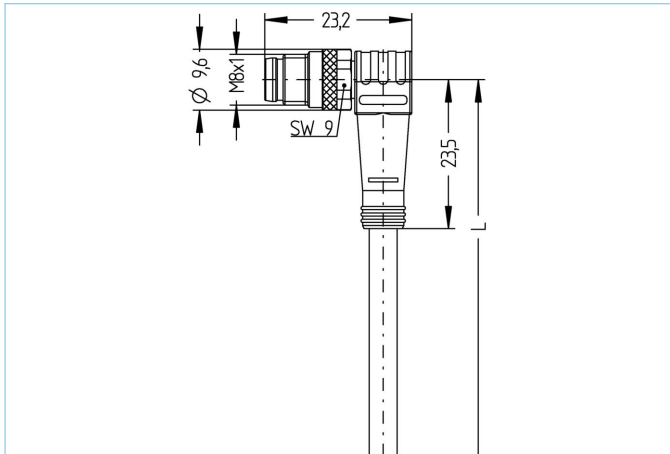


## Extension cable, Automation Line, M8x1



### Product data

|                    |                 |
|--------------------|-----------------|
| Item description   | AL-SWSP4-2/S370 |
| Item-No.           | 8043769         |
| Length             | 2m              |
| Customs tariff-No. | 85444290        |
| Step-File          | AL-SWSP4.stp    |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | Male, M8x1, angled         |
| Number of pins                 | 4                          |
| Pin assignment                 | 1 BN, 2 WH, 3 BU, 4 BK     |
| Rated voltage                  | 60V                        |
| Current load (at 40°C)         | 4A                         |
| Insulation resistance          | $\geq 10^9 \Omega$         |
| Resistance                     | $\leq 5 m\Omega$           |
| 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           |
| Coupling nut material          | Metal, CuZn, nickel-plated |
| 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                        |

**Cable**

**S370**

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       | 4,30mm   |
| Cable-jacket material          | PUR  |
| Jacket color                   | black, similar RAL9005   |
| Wire cross-section             | 4 x 0.25 mm <sup>2</sup>   |
| Wire insulation material       | PP   |
| Wire colors                    | BN, WH, BU, BK   |
| Conductor structure            | 42 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  |
| Halogen-free                   | Yes  |
| 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 |