### Connection cable
female M12 x 1
AL-WAK4.5-5/S370

<table>
<thead>
<tr>
<th>Type</th>
<th>AL-WAK4.5-5/S370</th>
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<tbody>
<tr>
<td>Ident-No.</td>
<td>8043824</td>
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**Connector A side**
female connector, M12 x 1, axial

| Number of pins | 5 |
| Coding | A |
| Contacts | metal, CuZn, gold-plated |
| Contact carriers | plastic, TPU, BK |
| Grip | plastic, TPU, BK |
| Locking | metal, CuZn, nickel-plated |
| Sealing (female) | plastic, FPM/FKM |
| Protection class | IP67, IP69K, (mounted) |
| Mechanical lifespan | > 100 mating cycles |
| Pollution degree | 3 |

| Cable | S370, Lif9YH11YH |
| Ø Sheath | 5.2 mm |
| Cable length | 5m |
| Cable sheath | PUR, BK |
| Core insulation | PP |
| Core colors | BN, BK, BU, GY, WH |
| Core cross-section | 5x0.34mm² |
| Litz wire arrangement | 42x0.1mm |
| Bending radius mobile (x Ø cable) | min. 12 x Ø cable |

### Information

| Product |  |
| Rated voltage [Umax] | 60 V |
| Insulation resistance | ≥ 10⁶ Ω |
| Amperage [Imax] | 4 A |
| Contact resistance | ≤ 5 mΩ |
| Ambient temperature product | -30... +90°C |
| Cable ambient temperature | -30... +90°C |

- Automation Line M12x1
- Field-wireable and insert molded connection cable
- Protection classes IP67 and IP69K
- Other lengths available on request

**Cable quality S370**
Flexible, silicone and halogen-free control cable with excellent mechanical stability. Resistant to chemicals, hydrolysis and microbes. Qualified for drag chain use with a bending radius of 10xd. Weld-splatter resistant, highly flexible, especially suited for robotic applications, machine tools and metal-cutting processes. Meets the requirements of UL and CSA (UL10493/20549; cULus).