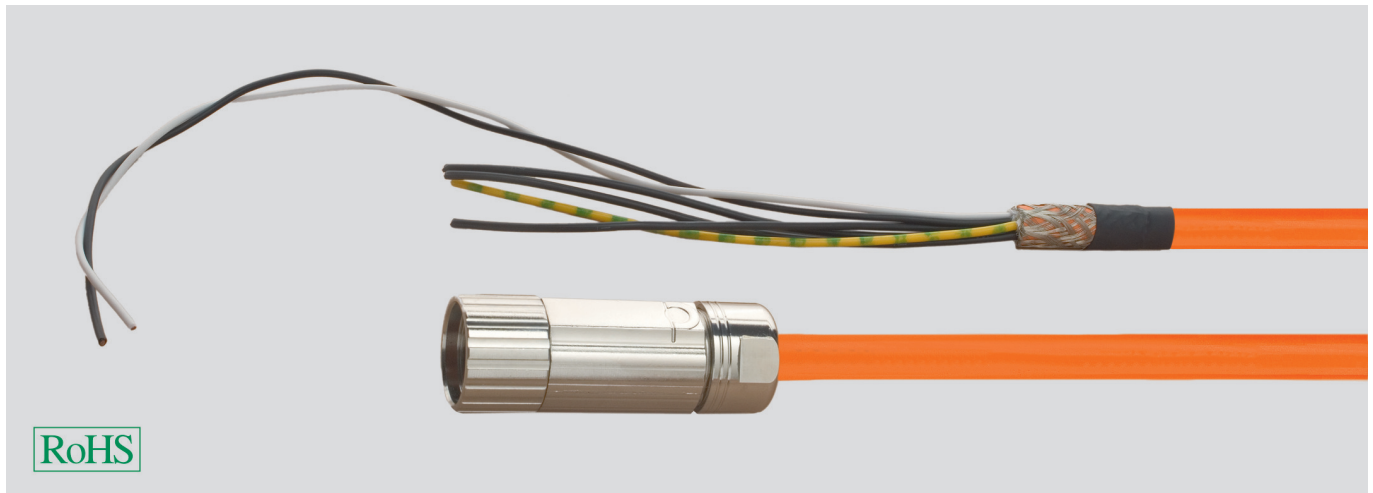


Pre-assembled servo motor cables

for mobile use

Base line for use on SEW drive systems



Technical data

- **Temperature range**
flexing 0°C to +60°C
fixed installation -30°C to +80°C
- **Minimum bending radius**
flexing 12x cable Ø
fixed installation 7x cable Ø
- **Max. acceleration**
4 m/s²
- **Bending cycles**
10 million for ≥ 12x cable Ø
- **Operating voltage**
power supply cores 600/1000 V
- **Test voltage**
power cores 3 kV
control cores 1,5 kV
- **Insulation resistance** ≥ 500 MOhm x km

Approbations

DESINA® (ISO 23570)
UL/CSA

Cable structure

Brake motor cables

Power supply cores

- Copper conductors, bare
- Polyolefin polymer core insulation
- Core identification 1, 2, 3
- GN-YE conductor

Brake cores

- Copper conductors, bare, fine wire stranded
- Core insulation polyester
- Core identification black, white
- Shielding screened with tin-plated copper wires

Motor cables

Power supply cores

- Copper conductors, bare, fine wire stranded
- Core insulation polyester
- Core identification U/L1/C/L+
V/L2
W/L3/D/L-
- GN-YE conductor
- Complete shield of tin-plated copper braiding, coverage approx. 80%
- PUR outer sheath
- Sheath colour orange (RAL 2003)

Application

This high quality pre-assembled motor connection cable is specially manufactured for applications with high mechanical stress. The special PUR outer sheath allows use in many industrial environments of general machine and plant construction.

Characteristic

These pre-assembled cables can be produced in any lengths and also with customer-specific modifications.

Note

Please observe the installation instructions for laying cables in cable carriers and the drive or controller manufacturer's information about maximum permitted cable length. The prefabricated cables listed here are not original parts, but accessories manufactured by the company HELUKABEL® GmbH. The data, standards and approvals relate solely to the bulk goods used.

Helukabel Designation	Helukabel Part no.
motor cable 05906245 PUR 4x1,5	660846
motor cable 05906253 PUR 4x2,5	660847

Helukabel Designation	Helukabel Part no.
motor cable 13331221 PUR 4x1,5+2x1	660848
motor cable 13332155 PUR 4x2,5+2x1	660849

Dimensions and specifications may be changed without prior notice.