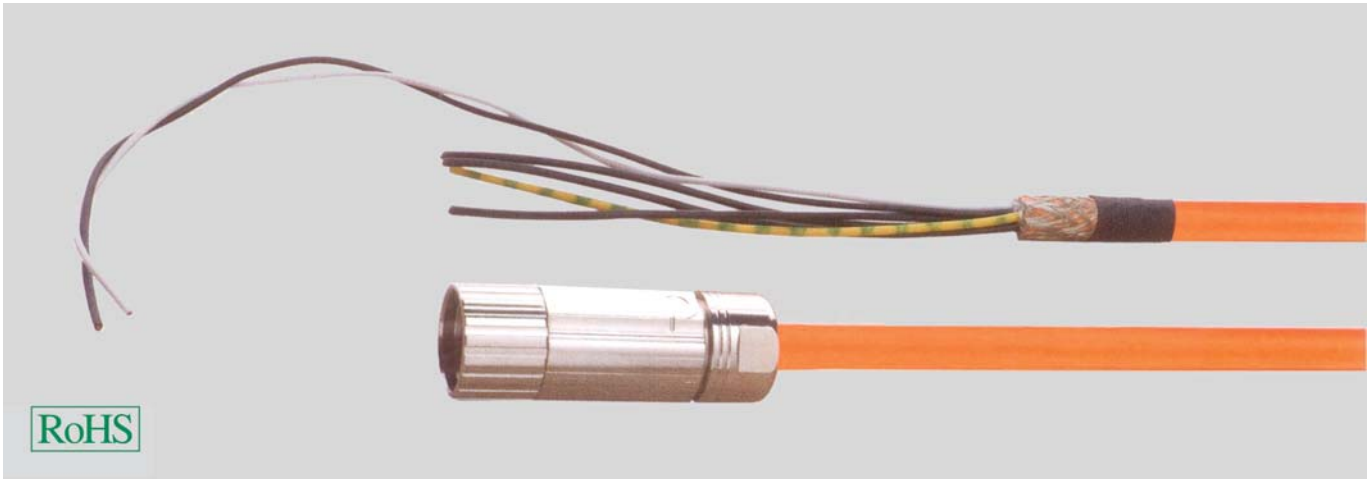


Pre-assembled servo motor cable



for mobile use

Base line use on SEW drive systems



RoHS

Technical data

- **Temperature range**
moving 0°C to +60°C
not moving -30°C to +80°C
- **Bending radius**
moving 12 x cables diameter \varnothing
not moving 7 x cable diameter \varnothing
- **Max. acceleration**
4 m/s²
- **Bending cycles**
10 million for 12 x cable diameter \varnothing
- **Operating voltage, power supply cores**
600/ 1000V
- **Test voltage, power cores** 3 kV
- **Test voltage, control cores** 1.5 kV
- **Insulation resistance** 500 MOhm x km

Approbations

Desina® (ISO 23570)
UL/CSA

Cable structure

For brake motor cables power supply cores

- Copper conductor, bare
- Polyolefin polymer core insulation
- Core identification 1, 2, 3
- Green-yellow earth core

Brake cores

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

For motor cables power supply cores

- Copper conductor, bare fine wire stranded
- Core insulation polyester
- Core identification U/L1/C/L+
V/L2
W/L3/D/L-
- Green-yellow earth core
- Complete shield made 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 in for application with mobile use. The special PUR outer jacket allow use in many industrial environments of general machine and plant construction.

Characteristic

These pre-assembled cables can be produced in many lengths and also with customer-specific modification

Note

Please observe the installation instructions for laying cables in cable carriers on Page 34 and the drive or controller manufacturer's information about maximum permitted cable length.

Helukabel Designation	Helukabel Part no.	Helukabel Designation	Helukabel Part no.
motor cable 05906245 PUR 4 x 1.5	660846	motor cable 13331221 PUR 4 x 1.5 + 2 x 1	660848
motor cable 05906253 PUR 4 x 2.5	660847	motor cable 13332155 PUR 4 x 2.5 + 2 x 1	660849

a. r. = on request

Dimensions and specifications may be changed without prior notice.

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.