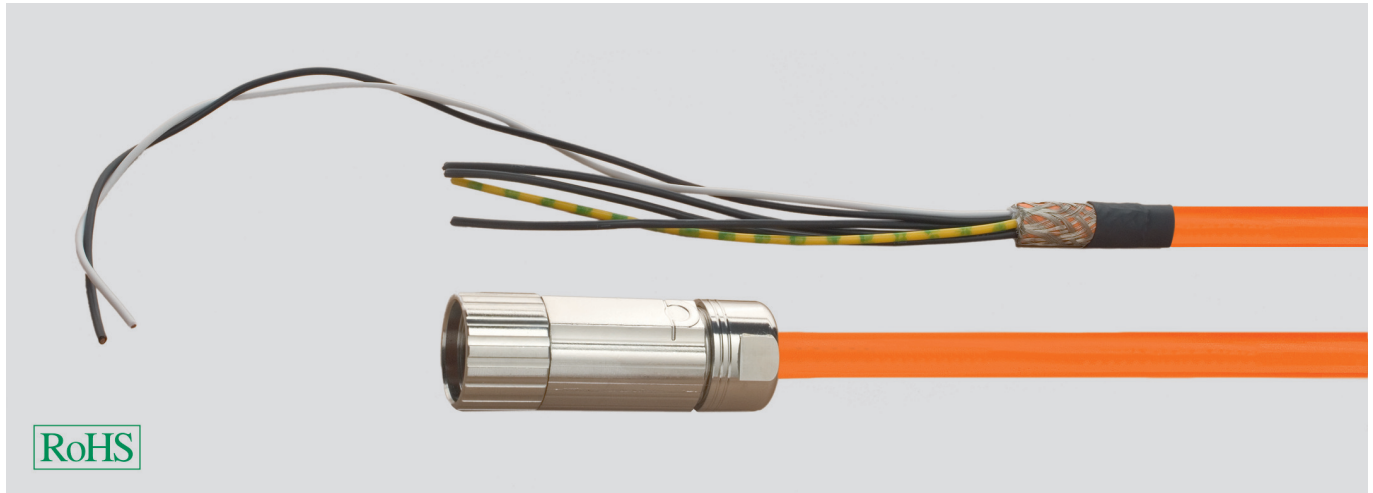


Pre-assembled servo motor cables

for fixed laying

Base line for use on SEW drive systems



RoHS

Technical data

- **Temperature range**
flexing 0°C to +60°C
fixed installation -20°C to +80°C
- **Minimum bending radius**
flexing 20x cable Ø
fixed installation 9x cable Ø
- **Max. acceleration**
2 m/s²
- **Bending cycles**
50.000 for ≥ 20x cable Ø
- **Operating voltage**
power supply cores 600/1000 V
- **Test voltage** power cores 4 kV
- **Insulation resistance** ≥ 20 MΩ x km

Approbations

DESINA® (ISO 23570)
UL/CSA

Cable structure

Brake motor cable

Power supply cores

- Bare copper, extra fine wire conductor acc. to DIN VDE 0295 cl.5
- high quality PP core insulation
- Core identification 1, 2, 3
- GN-YE conductor

Brake cores

- Copper conductors, bare
- High quality PP core insulation
- Core identification black, white
- Shielding aluminium/polyester foil, screened with tin-plated copper wires

Motor cable

Power supply cores

- Bare copper, acc. to IEC 60228 cl.6
- Core Insulation PVC
- 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%
- PVC outer sheath
- Sheath colour orange (RAL 2003)

Application

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

Characteristic

Economical alternatives to the cable carrier compatible cable types which otherwise meet all requirements of the servo drive manufacturers. These pre-assembled cables can be produced in any lengths and also with customer-specific modifications.

Note

Please observe 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 1995502 PVC 4x1,5	660842
motor cable 05904552 PVC 4x2,5	660843

Helukabel Designation	Helukabel Part no.
motor cable 13324853 PVC 4x1,5+2x1	660844
motor cable 13332139 PVC 4x2,5+2x1	660845

Dimensions and specifications may be changed without prior notice.