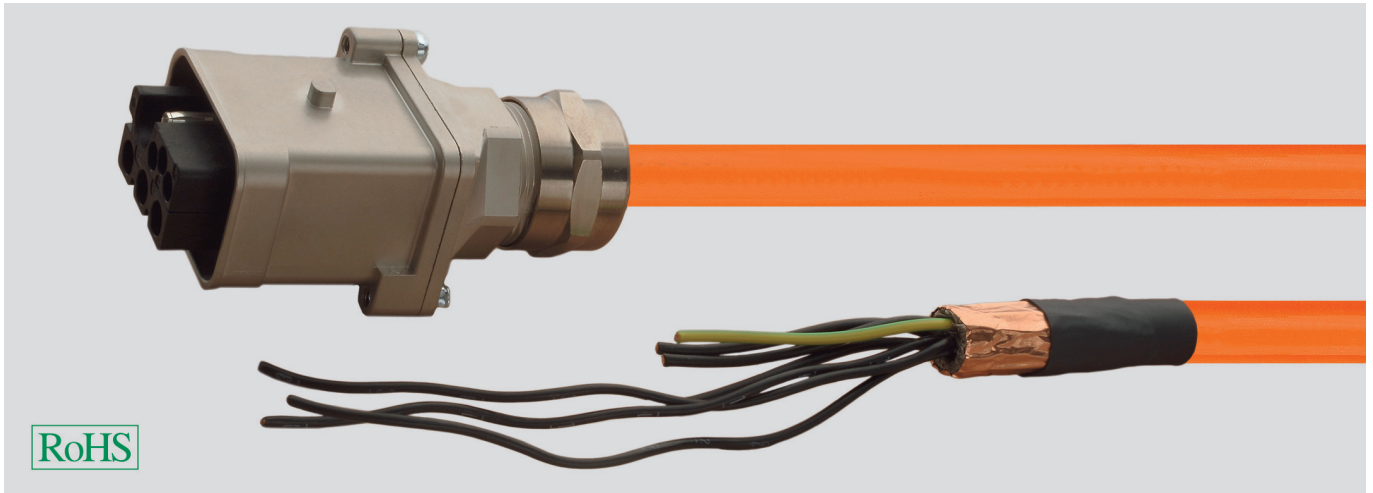


# Pre-assembled servo motor cables

for fixed laying

Base line for use on SEW drive systems



RoHS

## Technical data

- **Temperature range**  
fixed installation -40°C to +80°C
- **Minimum bending radius**  
fixed installation 20x cable Ø
- **Nominal voltage**  
VDE 0,6/1 kV  
UL 1000 V
- **Test voltage** 4 kV
- **Insulation resistance**  $\geq 20$  MOhm x km

## Approbations

DESINA® (ISO 23570)  
UL/CSA

## Cable structure

### Power supply cores

- Copper conductors, bare
- PP core insulation
- Core identification U1, V2, W3
- GN-YE conductor

### Signal cores

- Copper conductors, bare
- PP core insulation
- Core identification 1, 2, 3
- Cores twisted to triple
- Shielding aluminium coated polyester foil with drain wire + copper screen
- Complete shield of tin-plated copper braiding, coverage approx. 85%
- 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 1991795 PVC 4x1,5	<b>660822</b>
motor cable 1991892 PVC 4x1,5+3x1	<b>660823</b>

Helukabel Designation	Helukabel Part no.
motor cable 1991914 PVC 4x2,5+3x1	<b>660897</b>

Dimensions and specifications may be changed without prior notice.