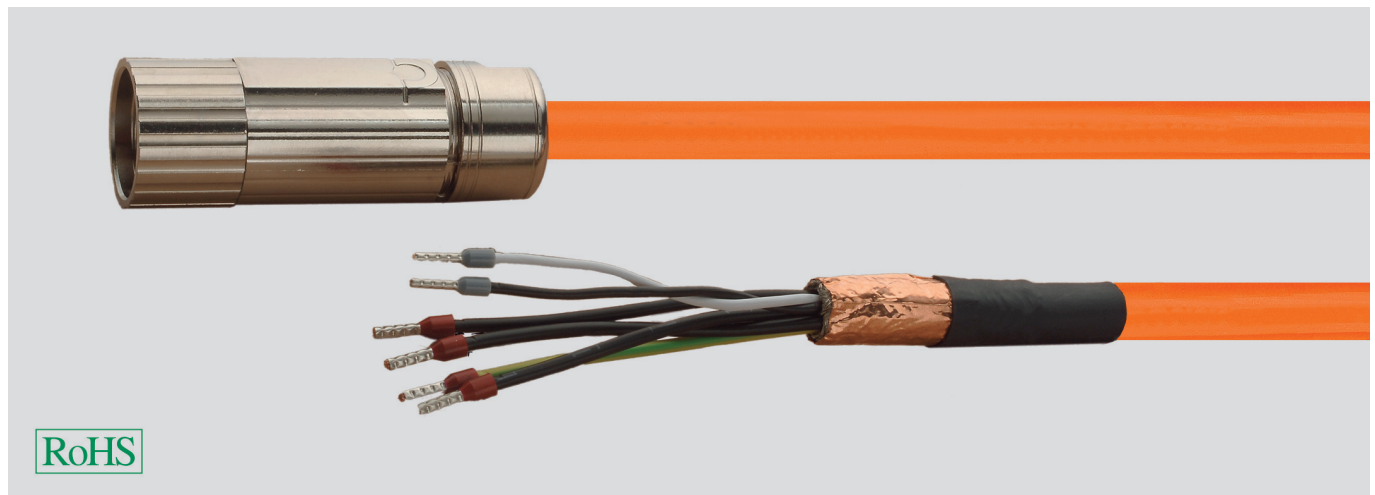


Pre-assembled servo motor cables

for mobile use

Base line for use on LENZE drive systems of the type Global Drive



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** 1000 V
- **Test voltage**
power cores 3 kV
control cores 1,5 kV
- **Insulation resistance**
power cores ≥ 5000 MOhm x km
signal cores ≥ 20 MOhm x km

Approbations

DESINA® (ISO 23570)
UL/CSA

Cable structure

Power supply cores

- Bare copper conductor
acc. to DIN VDE 0295 cl.6
- Polyolefin polymer core insulation
- Core identification 1, 2, 3
- GN-YE conductor

Signal cores

- Copper conductors, bare
- Polyolefin/polymer core insulation
- Core identification black, white
- Cores twisted in pairs
- Shield, tin-plated copper braiding
- Complete shield of tin-plated copper braiding, coverage approx. 85%
- PUR outer sheath
- Sheath colour orange (RAL 2003)

Application

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

Characteristic

Particularly suitable for use with small bending radii and high acceleration. 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.

Manufacturer Designation	Helukabel Designation	Helukabel Part no.
-	motor cable GMS 015	660500
EWLMxxxGMS-025	motor cable GMS 025	660648
EWLMxxxGMS-040	motor cable GMS 040	660766
-	motor cable GMS 060	660767

Manufacturer Designation	Helukabel Designation	Helukabel Part no.
-	motor cable GMS 100	660768
-	motor cable GMS 040I	660769
-	motor cable GMS 060I	660770
-	motor cable GMS 100I	660771

Dimensions and specifications may be changed without prior notice.