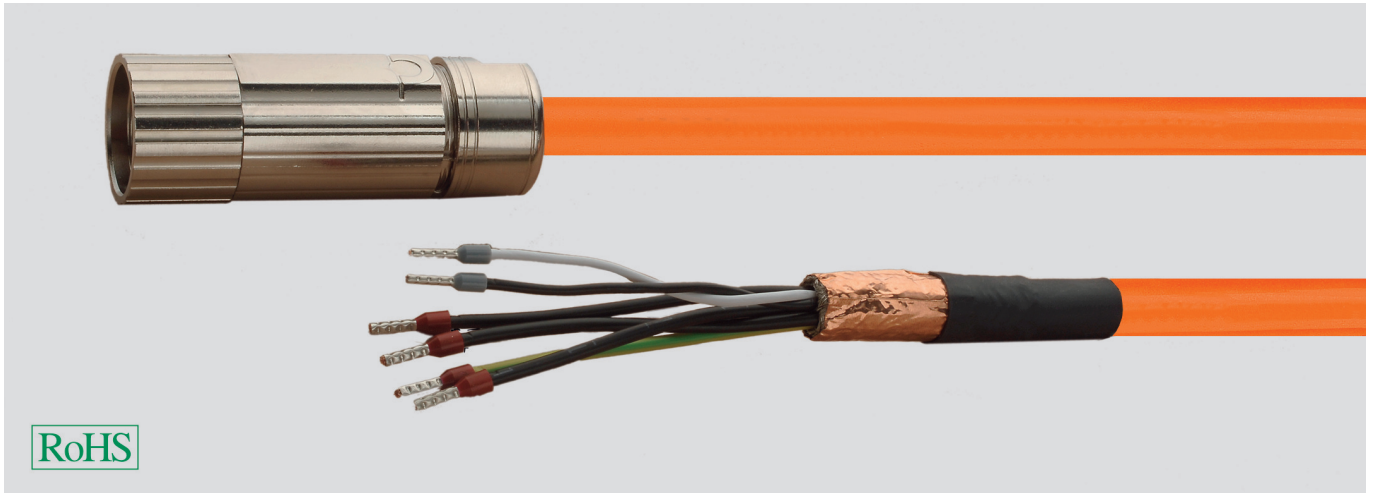


Pre-assembled servo motor cables

for fixed laying

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



Technical data

- **Temperature range**
flexing -20°C to +70°C
fixed installation -20°C to +80°C
- **Minimum bending radius**
flexing 18x cable Ø
fixed installation 9x cable Ø
- **Max. acceleration**
2 m/s²
- **Bending cycles**
50.000 for ≥ 18x cable Ø
- **Nominal voltage** U₀/U 0,6/1 kV
- **Test voltage** 4 kV
- **Insulation resistance** ≥ 500 MOhm x km

Approbations

DESINA® (ISO 23570)
VDE
UL/CSA

Cable structure

Power supply cores

- Copper conductors, bare
- high quality PP core insulation
- Core identification 1, 2, 3
- GN-YE conductor

Signal cores

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

Manufacturer Designation	Helukabel Designation	Helukabel Part no.
EWLMxxxGM-015C	motor cable GM 015	660334
EWLMxxxGM-015C	motor cable GM 015	660482
EWLMxxxGM-040	motor cable GM 040	660350
-	motor cable GM 060	660731

Manufacturer Designation	Helukabel Designation	Helukabel Part no.
EWLMxxxGM-100	motor cable GM 100	660738
EWLMxxxGM-040I	motor cable GM 040I	660762
-	motor cable GM 060I	660763
EWLMxxxGM-100I	motor cable GM 100I	660764

Dimensions and specifications may be changed without prior notice.