

Pre-assembled feedback cables

for mobile use (PVC)

Base line for use on REXROTH drive systems



Technical data

- **Temperature range**
flexing -10°C to +80°C
fixed installation -40°C to +80°C
- **Minimum bending radius**
flexing 12x cable Ø
fixed installation 8x cable Ø
- **Max. acceleration**
4 m/s²
- **Bending cycles**
5 million for ≥ 12x cable Ø
- **Operating voltage** 30 V
- **Test voltage** 1500 V
- **Insulation resistance** ≥ 100 MOhm x km

Approbations

UL/CSA

Cable structure

- Copper conductors
 - Polyolefin core insulation
 - Complete shield of tin-plated copper braiding, coverage approx. 85 %
 - PVC outer sheath
 - Sheath colour orange
- Structure/colour code**
- **(2x0,5+4x2x0,25)**
WH, BN, BN+GN, RD+BL, BU+VT, GY+PK
 - **(2x1,0+4x2x0,25)**
WH, BN, BN+GN, RD+BL, BU+VT, GY+PK

Application

This high quality pre-assembled feedback cable is specially manufactured for applications with mobile use. The special PVC 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.

Helukabel Designation	Helukabel Part no.
feedback cables 4374 PVC	660752
feedback cables 4042 PVC	660753
feedback cables 4375 PVC	660754

Helukabel Designation	Helukabel Part no.
feedback cables 4103 PVC	660755
feedback cables 4200 PVC	660756

Dimensions and specifications may be changed without prior notice.