



PUR-FLEX-C

Highly flexible screened cable for drag chains, EMC*

Konstrukce

- Fine stranded bare copper conductor according to DIN VDE 0295, IEC 60228 cl. 6
- Core insulation of special TPE
- Black cores with repeated white numbering according to DIN VDE 0293
- Green-yellow earth core in the outer layer, from 3 cores and more
- Cores stranded in layers with optimal lay-length
- Core wrapping with fleece
- Halogen-free inner sheath
- Screening of tinned copper wires, approx. coverage 85%
- Wrapping with fleece
- Special polyurethane outer sheath color grey, slip resistant outer insulation
- Flame retardant PUR, test method B, according to DIN VDE 0482-332-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2
- Resistant to oil according to DIN EN 60811-404

Použití

PUR-FLEX-C is special cable with high permanent flexibility and resistance to abrasion. Due to its very good mechanical characteristics and resistance to mineral oils is this cable suitable for use in machinery, robotics, steel works and all critical areas. This cable is ideal for drag chains as well as for open air installation due to its resistance to UV-radiation, ozone and moisture. This cable is resistant to microbes but is not suitable for direct burial.

Technická data

- Screened, control, halogen-free cable from special polyurethane for drag chains, designed for high mechanical stress
- Temperature range flexing from -40°C to +80°C; fixed from -50°C to +80°C
- Nominal voltage U₀/U 300/500 V
- Spark test 6000 V
- Test voltage a.c. 3000 V
- Insulation resistance min. 20 MΩ x km
- Minimum bending radius approx. 7,5 x cable diameter
- Radiation resistance up to 100 x 10⁶ cJ/kg (up to 100 Mrad)



Popis produktu

Advantages

- High flexibility, resistance to abrasion and mechanical damage even under low temperatures
- Resistant to oils, petrols, hydraulic fluids, acids, ozone, UV radiation, water and microbes
- Halogen-free

Note:

- *EMC = Electromagnetic compatibility
- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- OZ = version without green-yellow earth core
- Other sizes available on request
- Version with Uo/U 0,6/1 kV - highly flexible PUR screened cables for drag chains as a connecting cables for engines are available on request.
- Conforms to RoHS.