

YY-JZ 0,6/1 kV BLACK

Flexible control cable, numbered cores

Konstrukce

- Stranded bare copper conductor according to DIN VDE 0295, IEC 60228 cl. 5
- Core insulation of special PVC
- Black cores with repeated white numbering according to DIN VDE 0293
- Cores stranded in layers with optimal lay-length
- Green-yellow earth core in the outer layer, from 3 cores above
- Outer sheath of special PVC color black, extensively oil resistant
- PVC self-extinguishing and flame retardant, according to DIN VDE 0482-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2

Použití

Flexible cable for measuring and controlling purposes in tool machinery, conveyor belts, production lines, air conditioning and heavy industry. Ideal for flexible application with medium mechanical stress with free movement, but without tensile stress in dry, moist, and wet areas. This cable is also suitable for fixed installation in open air. However, the cable cannot be used as direct burial or underwater cable. The cores are numbered in such way that they are still recognizable even after a small part of the outer sheath is removed. The numbered codes are underlined to avoid possible confuse. The earth core is laid in the outer layer. The black outer sheath made of special PVC is resistant to ultra-violet radiation.

Technická data

- Control cables, special PVC
- Requirements adapted to DIN EN 50252-2-51 with insulation thickness for 1 kV
- Temperature range flexing from -5°C to +70°C; fixed from -40°C to +80°C
- Nominal voltage U_0/U 0,6/1 kV
- Test voltage 4000 V
- Insulation resistance min. 20 M Ω x km
- Carrying capacity according to DIN VDE 0298
- Minimum bending radius for permanent approx. 7,5 x cable diameter
- Radiation resistance up to 80 x 10⁶ cJ/kg (up to 80 Mrad)
- Resistant to UV

Popis produktu

Note:

- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- OZ = version without green-yellow earth core
- Conforms to RoHS.
- Silicone-free.

