

YCY-JZ 0,6/1 kV BLACK

Flexible Cu screened cable, numberd cores, EMC*

Konstrukce

- Stranded bare copper core according to DIN VDE 0295 and IEC 60228 cl. 5
- Core insulation of special PVC compound
- 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
- Inner sheath of PVC
- Tinned copper braided screening, approx 85% coverage
- Special black PVC outer sheath, extensively oil resistant
- PVC self-extinguishing and flame-retardant, according to DIN VDE 0482-332-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2

Použití

Flexible screened cable suitable for measuring and controlling purposes in cutting tools, conveyor belts, production lines, airconditioning and steel making. These cables are designed for flexible use under medium mechanical stress with free movement, but without tensile stress or forced movements in dry, moist and wet areas. Cables suitable for inner and outer application (outer application only fixed installation). These cables are not suitable as a direct burial or direct use in water. 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 confusion. 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 screened PVC cables
- Requirements adapted to DIN EN 50525-2-51 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 600/1000 V
- Test voltage a.c. 50 Hz 4000 V
- Insulation resistance min. 20 M Ω x km
- Minimum bending radius approx. 10 x cable diameter
- Radiation resistance up to 80 x 10⁶ cJ/kg (up to 80 Mrad)
- Resistant to UV-radiation



Popis produktu

Note:

- *EMC = Electromagnetic compatibility - recommended type
- To optimise EMC features we recommend large round contacts of the copper braiding on both ends.
- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- OZ = version without green-yellow earth core.
- Conforms to RoHS.
- Other sizes and types available on request.