



SiHF/GL-P

Silicone halogen-free cable with steel braiding

Konstrukce

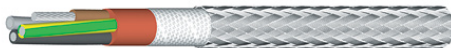
- Tinned copper conductor, according to DIN VDE 0295 cl. 5 or IEC 60228 cl.5
- Silicone core insulation
- Color coded cores according to DIN VDE 0293, single color or black cores with white numbering
- For two core-cables, colors brown and blue
- Cores stranded in layers with optimal lay-length
- Green-yellow earth core in the outer layer, from 3 cores and more
- Outer sheath of silicone
- Protective glass fibre tape over the jacket
- Galvanized steel wire outer braiding

Použití

These silicone cables are used in all areas with permanently high temperatures up to 180°C, short term up to 200°C, as well as for areas with low temperatures up to -60°C. Silicone cables are halogen-free and are used in power plants, in iron mills, steel-works, rolling-mills, in aviation and ship industry in cement, glass and ceramic factories etc. The screened steel braiding ensures a disturbance-free transmission of signals and impulses.

Technická data

- Special silicone cable, extensively heat resistant
- Requirements adapted to DIN EN 50525-2-83
- Temperature range from -60°C to +180°C; short time +200°C
- Nominal voltage U_0/U 300/500 V
- Test voltage a.c. 2000 V
- Insulation resistance min. 200 M Ω x km
- Minimum bending radius approx. 10 x cable diameter
- Radiation resistance up to 20 x 10⁶ cJ/kg (up to 20 Mrad)
- Halogen-free to IEC 60754-1
- Self-extinguishing and flame resistant sheath according to VDE 0482-322-1-2, DIN EN 60332-1-2, IEC 60332-1-2



Popis produktu

Advantages

- Low changes of dielectric strenght and insulation resistance at high temperatures
- High ignition point, in case of fire forms an insulating layer SiO_2

Resistant to

high molecular oils, fats from vegetables and animals, alcohols, plasticizers and clophenes, diluted acids, lyes and salt dissolutions, oxidation substances, tropical and weather influeneces and oxygen.

Note:

- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- Conforms to RoHS.