



K-SERVO 4 2XSLCH - 75%

Description : EMC-compliant, Low capacity double screened servo motor connection cable with coloured cores, 0.6/1kV.



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
 XLPE Insulation compound
 Colour code according to DIN VDE 0293
 Construction 3 power cores and 3 ground cores twisted together
 Aluminium Polyester Tape
 Tinned copper wires braiding with coverage 75±5%
 Outer sheath in Halogen Free polyolefin type TM7 according to DIN VDE 0282, part 10, annex A

Manufacturing's Controls: Test and Control according to our Quality System certificate **ISO 9001-2015 CSQ-IMQ (EQ-NET)**

Norms: Flame retardant, Test method B according to IEC 60332-1
 Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
 Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
 Low smoke density according to IEC 61034
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1000V
- Spark Test voltage : 6000 V
- Working temperature: Occasional flexing: -5°C to +80°C
 Fixed installation: -40°C to +90°C
- Max temperature on the conductors 90°C
- Minimum bending radius Occasional flexing: 20 x outer Ø
 Fixed installation: 6 x outer Ø

Use : Wherever drives form a single unit together with cable, frequency converter and motor, and the potential for electromagnetic interference is high because of this. Suitable for Automotive systems, Machine tool manufacturing, Production plants.
 Advantage: The double screened motor connecting cable with low operating capacitance of the XLPE single wires and low screen capacitance enable a low-loss power transmission in comparison with conventional PVC connecting cables.