



K-SERVO 3500 9Y CY

Description : EMC-compliant, Low capacity screened motor connection cable with black coded cores, 0.6/1kV.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 Special PP Thermo-Plastic insulation compound
 Black coded cores (U/L1/C/L+ ; V/L2 ; W/L3/D/L) + GY core
 Polyester Tape
 Tinned copper wires braiding with coverage 85%
 Special PVC outer sheath type TM2 according to CEI 20-11, VDE 0207 and UL 758

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.
 Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

Norms: Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1.
 Oil resistant according: DIN EN 50290-2-22 resp. VDE 0819-102, TM54.
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 1.000V.
- Spark Test voltage : 6000 V
- Working temperature: Occasional flexing: -5°C to +80°C
 Fixed installation: -40°C to +80°C
- Minimum bending radius Occasional flexing: 20 x outer Ø
 Fixed installation: 6 x outer Ø

Use : Servo motors cables are suitable 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.
 This cable can be installed outdoors with UV protection only and in observance of the temperature range. It is suitable for fixed installation, but also for flexible applications under conditions of sporadic, not continuously returning movement on/in machinery, appliances, rail vehicles, ventilation and air-conditioning systems, office machines, industrial plants with medium mechanical stress without tensile load or compulsory guidance.