



## K-SERVO 3500 9Y CY UL CSA

**Description :** UL AWM approved, 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 compound 80°C 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, IEC 60332-3-24 and CSA FT1  
Oil resistant according: DIN EN 50290-2-22 resp. VDE 0819-102, TM54.  
According to UL styles 2570 and CSA-AWM I A/B II A/B  
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 1000 V
- 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.