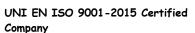


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K-SERVO PLUS 3000 9Y-11Y

Drag chain application, Low capacity power supply motor connection cable with black coded Description:

cores, 0.6/1kV.

Design:



Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6 Construction:

Special PP Thermo-Plastic insulation compound

Black coded cores (U/L1/C/L+; V/L2; W/L3/D/L) + GY core

Nonwoven Tape

Special PUR outer sheath, matt and low adhesive surface

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

Norms: High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface

Resistant to hydrolysis and microbes

Ozone resistant according VDE 0472 part 805 and UV resistant according HD 605 A1

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:

Use:

Nominal voltage: 1 000V 6000 V Spark Test voltage :

Flexing: -5°C to +80°C Working temperature:

Fixed installation: -40°C to +80°C

Minimum bending radius Drag chain: 8 x outer Ø

Fixed installation: $4 \times \text{outer } \emptyset$

Max speed (unsupported - gliding) $8 \, \text{m/s} - 4 \, \text{m/s}$ 30 m/s^2

Max acceleration

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 is suitable to be used in power chains or moving machine parts as link and connection control cable. It's suitable for up to 6 million bending/unbending cycles in the power chain applications. For travel distances up to 10 mt. Predominantly installed in dry, damp or wet environments.

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