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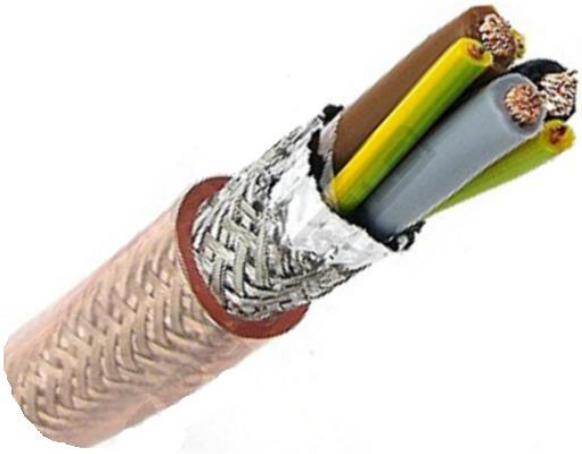
Data Sheet

K-SERVO 3 2XSLCY

Description :	EMC-compliant, Low capacity double screened motor connection cable with coloured cores, 0.6/1kV.
Design:	
Construction :	Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 XLPE Insulation compound - Colour code according to DIN VDE 0293 Aluminium Polyester Tape Tinned copper wires braiding with coverage 85% PVC outer sheath compound type TM2 according to CEI 20-11 and VDE 0207
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 IEC 60332-1 Adapted to DIN VDE 0207, 0250 and 0295 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 +80°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 PE single wires and low screen capacitance enable a low-loss power transmission in comparison with conventional PVC connecting cables. The version with protective conductor split into three has a further improved, symmetrical 3-wire structure in comparison with the 4-wire versions with respect to the EMC properties because the cores of the protective conductor are arranged between the gussets. This also allows a concentric structure.

06 August 2019