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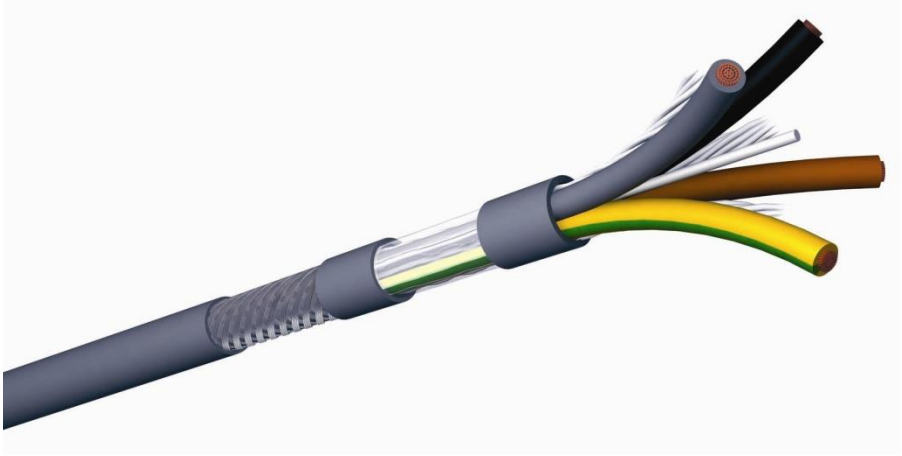
Data Sheet

K-FLEX PVC O.R. JB CY 750

Description :	EMC-compliant fire resistant Control Cable with colour code cores Low space requirement due to small cable diameter. Working voltage 450/750 V.
Design:	
Construction :	Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5 PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207 Colour code cores according HD 308 table Polyester tape Tinned copper screen with coverage 85% Outer jacket in PVC 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:	Self-extinguish according to test method B IEC 60332-1 Reduced Fire Propagation, Fire retardant as IEC 60332-3-22 - CEI 20-22 II and NBN C30-004, cat. F2 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE
Technical dates :	• Nominal voltage : 450/750V • Spark Test voltage : 4000 V • Working temperature: Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C • Minimum bending radius: Occasional flexing: 20 x outer Ø Fixed installation: 6 x outer Ø • Mutual capacitance: A/A ca. 120 nF/km A/S ca. 160 nF/km • Inductance Ca. 0,65 mH/km
Use :	The range of application for the control cable K-FLEX PVC O.R. CY 750 V cable with copper screening braid includes all electrical systems in dry, damp or wet interiors, especially in industrial and/or in EMC-critical environments. The 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 low mechanical stress.

05 August 2019