KCINDUSTRIE

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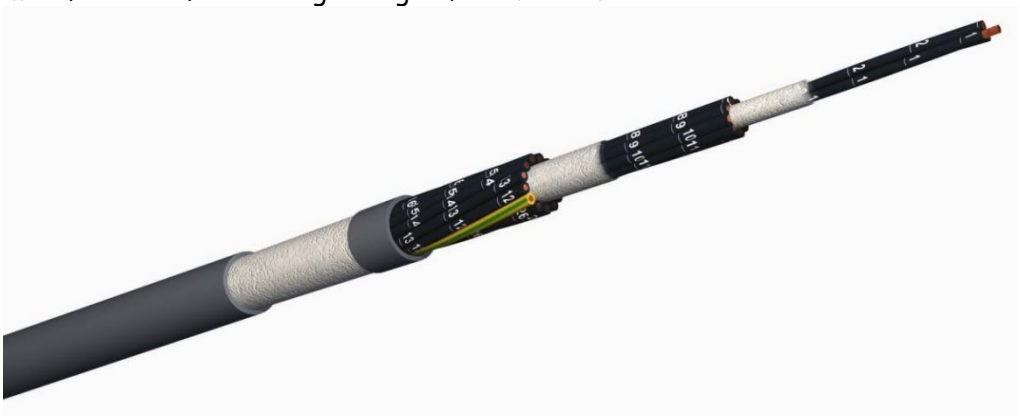
UNI EN ISO 9001-2015 Certified Company

Data Sheet

K-PLUS 9909 P

Description :	Chain application, Polypropylene insulated and PUR sheathed control and power cable manufactured for working voltage of 300/500V.
Design:	
Construction :	Extra Flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6 Polypropylene insulation compound according VDE 0250, Part 215, type 9YI2 and CEI-EN 60811-4-2 Black numbered cores + GY core Nonwoven tape over each layer Special halogen-free, partly flame retardant 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 reports
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 :	• Nominal voltage : 300/500 V • Spark Test voltage : 3000 V • Working temperature : Flexing: -25°C to +70°C Fixed installation: -40°C to +80°C • Minimum bending radius : For flexible use: 6 x outer diameter Fixed installation: 3 x outer diameter • Max speed (unsupported – gliding) 8 m/s - 4 m/s • Max acceleration 30 m/s²
Use :	Designed for 10 million alternating bending cycles and horizontal travel distances up to 100 meter. Suitable for use in power chains, moving machine parts, particularly in wet or oil contaminated areas of machine tools and transfer lines. Suitable for use in measuring, control and regulating circuits so as in wiring of machines, tools, devices, appliances and control cabinets. Suitable for outdoor use within the indicated operating temperature range.

05 August 2019