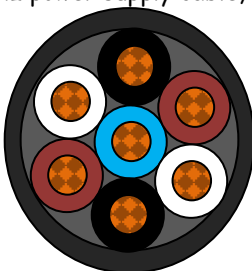




K-AIRPORT TPE PUR 400 Hz 7x35 UL CSA

Description : Increased oil-resistant 400 Hz power supply cable, for working voltage of 600/1000 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5 (7x38x0,40 mm)
TPE Insulation compound polypropylene and EPDM based elastomer insulation compound
Average thickness 1,00 mm - \varnothing 9,90 \pm 0,20 mm
Color code: (Blue) (White Black Brown White Black Brown)
Special Flame Retardant PUR outer sheath, matt and low adhesive surface, Black. Average thickness 2,40 mm - \varnothing 34,20 \pm 0,70 mm

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
Flame-retardant according to IEC 60332-1-2, CSA FT2, UL HB
According to UL style 20940 and CSA-AWM I A/B II A/B
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :	<ul style="list-style-type: none"> • Nominal voltage : 1.000V • Spark Test voltage : 10.000 V • Electrical Resistance at 20°C < 0,554 ohm/m • Nominal Inductance at 20°C \approx 0,300 mH/km • Nominal Capacitance at 20°C \approx 152 nF/m • Nominal Impedance at 20° \approx 54 Ω • Working temperature : Occasional flexing: -45°C to +90°C (UL 80°C) Fixed installation: -60°C to +90°C (UL 80°C) • Minimum bending radius Occasional flexing: 10 x outer \varnothing Fixed installation: 4 x outer \varnothing
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Use : This control cable is designed in accordance to VDE 0281 part 13. The unscreened version are suitable as connection cable for control equipment on machine tools, conveyor and assembly lines, haulage systems, production lines etc. subjected to medium mechanical stress, for fixed or partly flexible installation where free movement is required without tensile stress and without compulsory guidance, in dry, damp and wet interiors (including water-oil mixtures), but not outdoors.