



K-FLEX 9000 P

Description : TPE insulated and PUR sheathed control and power cable manufactured for working voltage of 300/500V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 TPE polypropylene based elastomer insulation compound - Black numbered cores + GY core
 Talc
 Special PUR outer sheath, matt and low adhesive surface

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2008 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 according EN 60811-1-2:1995, 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: -40°C to +80°C
 Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 8 x outer diameter
 Fixed installation: 4 x outer diameter

Use : K-FLEX 9000 P can be used wherever cables are exposed to wear and tear under extreme conditions. Can only be used outdoors if the temperature range is observed.
 For free, non-recurring movement without tensile load or compulsory guidance.
 The minimum external diameter reduces the space required for the cable.
 Resistant against almost all mineral oils, microbes and very resistant against wear and tear because of high abrasion resistance.
 Manufactured free of substances harmful to lacquer (LB-free / silicone free) and is therefore suitable for use in lacquering shops