



K-PLUS 8000 P

Description : Chain application, PVC 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 PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 with special mechanical resistance.
 Black numbered cores + GY core
 Nonwoven tape over each layer
 Special 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 : Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1
 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
 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: -5°C to +70 °C
 Fixed installation: -40 °C to +80 °C
- Minimum bending radius : For flexible use: 8 x outer diameter
 Fixed installation: 4 x outer diameter

Use : Designed for 5 million alternating bending cycles and horizontal travel distances up to 10 meter.
 In dry, damp or wet interiors. 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.