



## K-PLUS 8000

**Description :** Chain application, PVC insulated and 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  
 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 :**

Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1  
 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: 0°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. Only for outdoor use within the indicated operating temperature range, with UV-protection