



## K-PLUS 9000 BUNDLED POWER

**Description :** Chain application control and power supply PUR jacketed cable for working voltage till 1.000 V.

**Design:**



**Construction :** Extra flexible bare copper conductors according to CEI 20-29 Class 6 and DIN-VDE 0295 K6  
 TPE, EPDM and polypropylene based elastomer insulation compound  
 Black numbered cores + Green Yellow core  
 Nonwoven tape over the outer layer  
 Outer sheath in special PVC according to UL 11008 - 2587

**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 and 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 : 600/1.000 V
- Spark Test voltage : 6000 V
- Working temperature : Flexing: -40°C to +80°C  
 Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 6 x outer diameter  
 Fixed installation: 3 x outer diameter

**Use :** Designed for 5 million alternating bending cycles and horizontal travel distances up to 10 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.