



K-PLUS 3500 C PVC PUR

Description : High mechanical resistance, EMC-compliant Control Cable with numbered cores Low space requirement due to small cable diameter. Working voltage 300/500 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207
 Black numbered conductors with or without green yellow core
 Polyester tape
 Tinned copper screen with coverage 85%
 Special PUR based outer sheath compound, 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 and IEC 60332-1
 Good oil-resistance - Abrasion and notch-resistant - Low-adhesive surface
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/500V
- Spark Test voltage : 3000 V
- Specific insulation resistance: > 20 GOhm x cm
- Working temperature : Occasional flexing: -5°C to +70°C
 Fixed installation: -40°C to +80°C
- Minimum bending radius Occasional flexing: 20 x outer Ø
 Fixed installation: 6 x outer Ø

Use : The range of application for the control cable K-PLUS PVC PUR 3500 C with copper screening braid 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 and it isn't exposed to the direct water contact. Especially suitable in industrial and/or in EMC-critical environments. It is suitable for fixed installation, but also for flexible applications under conditions of sporadic, not continuously returning movement on/in machinery, appliances, rail vehicles, ventilation and air-conditioning systems, office machines, industrial plants with low mechanical stress.