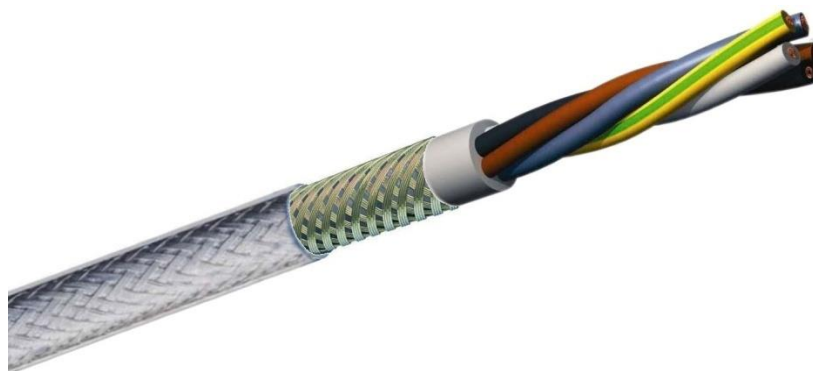




K-FLEX 2000 SY CONTROL

Description : Power supply and control cable with colour code cores and steel wire braiding mechanical protection increasing.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60028 Cl.5
 PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207
 Colour coded cores according to DIN VDE 0293.
 Inner jacket in special PVC **TM2** according to CEI 20-11 and VDE 0207
 Steel wires braiding with coverage of 65% ± 5%
 Outer jacket in transparent or grey 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, according to 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 : 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 K-FLEX 2000 SY CONTROL power supply and control cable is suitable in the machine tool and plant engineering, power stations, air conditioning systems and office equipment as well as data processing systems. The triple-protected K-FLEX 2000 SY CONTROL cable withstands the roughest operating conditions. High mechanical protection and a defined degree of electrical shielding is provided by the oxidation-protected steel wire braiding under the transparent outer sheath, which protects the braid against dirt