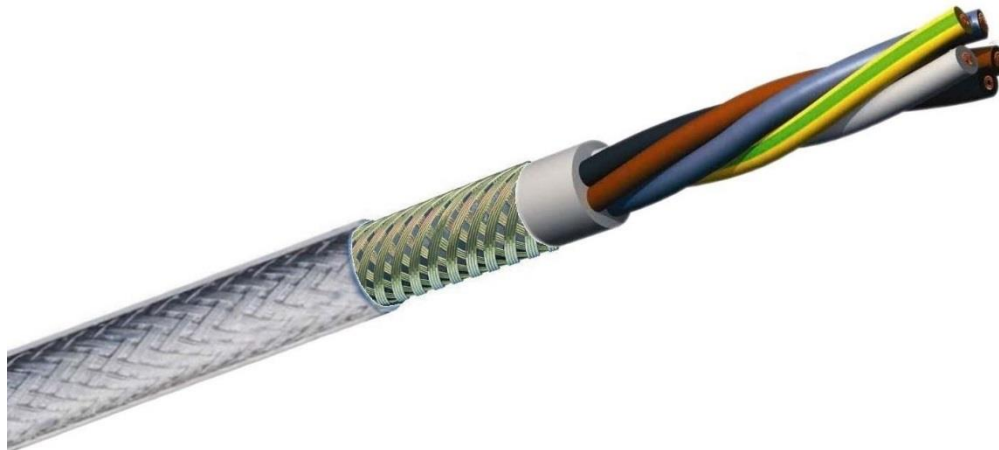




K-FLEX 2000 SY

Description : Power 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 and DIN-VDE 0295 K5
PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207, colour code 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 : Flam retardant, according to IEC 60332-1.
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : From 0,50 to 1,50 mm² 300/500V
Up to 1,5 mm² 450/750V
- Spark Test voltage : 3000 V
- Working temp. (fix / not fix installation): -40° / -5°C to +70° / +80°C
- Minimum bending radius approx. 12,5 x Ø

Use : The K-FLEX 2000 SY power 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