



K-FLEX 4000

Description : Increased oil-resistant Control and Power Cables manufactured in derogation to HD 21.13 S1 standard.

Design:



Construction :

- 1) Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
- 2) PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 with special mechanical resistance.
- 3) Black numbered cores with or without green yellow core
- 4) PVC outer sheath compound type **TM5** Oil resistant according to CEI 20-11 and VDE 0207.

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2008** 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

Manufactured in derogation to HD 21.13 S1 standard.

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 450/750V
- 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: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : This control cable is designed in accordance to VDE 0281 part 13. The unscreened version are suitable as connection cable for control equipment on machine tools, conveyor and assembly lines, haulage systems, production lines etc. subjected to medium mechanical stress, for fixed or partly flexible installation where free movement is required without tensile stress and without compulsory guidance, in dry, damp and wet interiors (including water-oil mixtures), but not outdoors.