



K-FLEX PVC O.R. JZ SY 500

Description : Multi cores flam resistant armoured control cable with special PVC insulation, transparent PVC outer sheath.

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 cores + green yellow core.
Inner jacket in special PVC **TM2** according to CEI 20-11 and VDE 0207
Steel braiding with coverage 80% ± 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 : Self-extinguish according to test method B IEC 60332-1
Fire retardant as IEC 60332-3A - CEI 20-22 II and NBN C30-004, cat. F2
According to our VDE Reg. Nr. 7097
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 : This 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-PVC FLEX O.R. SY 500 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.