



K-DRUM FLEX 3000 P

Description : Low voltage flexible festoon multi cores power supply and control cables, TPE-E insulated and double PUR sheath, manufactured for working voltage of 600/1000V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
Special TPE-E Ester based elastomer insulation compound
Black numbered coded cores with or without GY core
Central textile carrier element
Nonwoven tape over each layer
Special PUR outer sheath, 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 : Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
High oil-resistance - Abrasion and notch-resistant - Low-adhesive surface
Resistant to hydrolysis and microbes
Ozone resistant according VDE 0472 part 805 and UV resistant according HD 605 A1
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1000 V
- Spark Test voltage : 6000 V
- Working temperature : Flexing: -40°C to +80°C
Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 8 x outer diameter
Fixed installation: 4 x outer diameter

Use : This cable can be used wherever cables are exposed to wear and tear under extreme conditions. For use as energy and control cable in festoon systems under severe conditions, incl. frequent bending. Also for drag lines, machine tools or materials handling systems. In addition, suitable as drum reeling cable under moderate mechanical stress. Suitable in dry, moist and wet rooms and for outdoor installation where continual reeling and unreeling of the cable happens.
Resistant against almost all mineral oils, microbes and very resistant against wear and tear because of high abrasion resistance.
Manufactured free of substances harmful to lacquer (LB-free / silicone free)