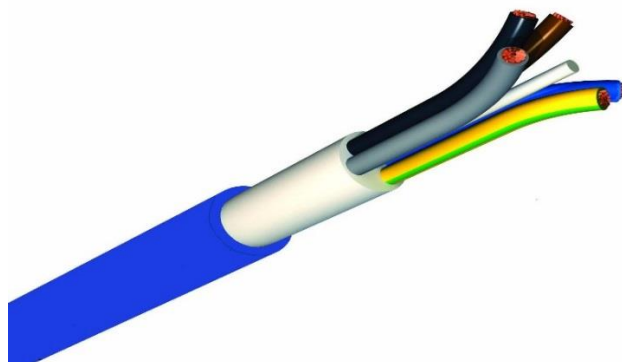




K-FLEX 2000 DRINKING WATER

Description : Flexible ESP cables EPDM rubber insulated, and EPDM rubber jacketed compound suitable as power supply cable for permanent use in drink water.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
Insulation in EPDM rubber compound type EI6 according to DIN VDE 0282, part 1
Colour coded cores according HD 308 and VDE 0293
Outer sheath in EPDM rubber compound type EI6 according to DIN VDE 0282, part 1

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 : According with IEC 60502
Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
Low smoke density according to IEC 61034-2
Water resistance, tested to EN 50525-2-21
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1.000V
- Spark Test voltage : 6000 V
- Working temperature: Occasional flexing: -40°C to +120°C
Fixed installation: -60°C to +120°C
- Minimum bending radius : For flexible use: 12.5 x outer Ø
Fixed installation: 4 x outer Ø
- Tensile stress during installation: For flexible use: max 15 N/mm²
Fixed installation: max 50 N/mm²

Use : This ESP, Electrical Submersible Pumps cable is suitable for permanent submersion in potable water up to a depth of 500m.
Can be used where improved chemical and abrasion resistance is required, including submersible pumps in mining application, submersible pumps for drinking water, depuration / chlorination systems, swimming pool lighting, aquariums and processing and preserving systems of drink and foodstuff.