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UNI EN ISO 9001-2015 Certified Company









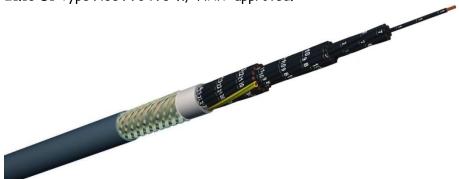


K-FLEX 4000 CY H05VVC4V5-K

Description: Increased oil-resistant screened Power supply and Control Cables according to HD

21.13 S1 Type H05VVC4V5-K, <HAR> approved.

Design:



Construction:

Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5

and IEC 60228 Cl.5

PVC Insulation compound type TI1 according to CEI 20-11 and VDE 0207

Black numbered cores with GY core

Inner jacket in special PVC TM2 according to CEI 20-11 and VDE 0207

Tinned copper screening with coverage 85% ± 5%

Outer jacket in special PVC TM5 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: Flame retardant, Test method B according to DIN VDE 0472 part 804 and IEC

60332-1

Norm references and approvals: EN 50525-2-51 Oil-resistant according to EN 50363-4-1: TM5

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

Technical dates:

Nominal voltage: 300/500V Spark Test voltage: 3000 V

Occasional flexing: -5°C to +70°C Working temperature:

Fixed installation: -40°C to +80°C Occasional flexing: $20 \times \text{outer } \emptyset$

Minimum bending radius:

Fixed installation: $6 \times \text{outer } \emptyset$

Use:

This control cable is designed in accordance to VDE 0281 part 13. The screened 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 quidance, in dry, damp and wet interiors (including water-oil mixtures), but not outdoors.