INSTRUMENTATION CABLES

FG16XOHM16FM16

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, CPR

Construction:

Conductor:	flexible red or tinned copper conductor Cl.5, acc. to IEC 60228
Insulation:	HEPR type G16
Colour cores:	pair(s): blue-black, with black progressively numbered triad(s): blue-brown-black, with black progressively numbered
Stranding:	conductors twisted in pairs-triads, pairs-triads twisted in concentric layers
***Overall* screen**	electrostatic screen of plastic and aluminium tape + tinned drain-wire
Armour:	galvanized steel wires
Outer sheath:	grey (RAL 7001), halogen-free type M16

Resistance:

Flame / Fire retardant and self-extinguishing acc.to:
DIN VDE 0482 part 265-2-1,
IEC EN 60332-1-2,
EN 50399

Halogen-free acc. to:
DIN VDE 0482 part 267
EN 50267-2-1
IEC 60754-1

Corrosiveness of confl agration gases acc. to:
DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2

Smoke density acc. to:
IEC 61034
EN 61034, CEI 20-38 as far as applicable

Technical data:

Nominal voltage:	Uo/U 300/500 V for 0,50 / 0,75 / 1,00 mmq Uo/U 0,6/1 kV for 1,50 / 2,50 mmq
Test voltage:	2 kV for Uo/U 300/500 V 4 kV for Uo/U 0,6/1 kV
Temperature range:	-15 °C up to + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	10 x d

Features:

CEI 20-13 / CEI 20-35 (IEC EN 60332-1-2), EN 50399,
CEI 20-37 (EN 50267) / CEI 20-38 as far as applicable

according to CPR UE 305/11, EN 50575:2014 + A1:2016,