

INSTRUMENTATION CABLES

RE4XHOHM1 (XLPE/IAM/CAM/LS0H)



Construction:

- Conductor:** up to 0,75 mm²:
Flexible red copper conductor Cl. 5,
acc to IEC 60228
from 1 mm²:
stranded red copper conductor Cl. 2,
acc to IEC 60228, DIN VDE 0295
- Insulation:** XLPE compound
- Colour cores:** blue,black with progressively numbered
- Stranding:** conductors twisted in pairs-triads.
pairs-triads twisted in concentric layers
- Screen**
- Individual:* electrostatic screen of plastic and
aluminium tape + tinned drain-wire
- Overall:* electrostatic screen of plastic and
aluminium tape + tinned drain-wire
- Outer sheath:** black (RAL 9005), or blue (RAL 5015)
Halogen free compound

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1
IEC 60332-3-24
EN 60332-1-2



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



Low smoke emission acc to:
EN 50268-2 IEC 61034

Technical data:

- Nominal voltage:** 300/500 V
- Test voltage:** 2 kV
- Temperature range:** - 20 °C / + 90 °C
- Min. bending radius:** 5 x d

Features:

according to BS 5308-1

Part no.	No. of pairs x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
47190D.X022M05	2x2x0,50	10	33,6	86	20
47190D.X022M07	2x2x0,75	10,6	43,2	130	19
47190D.X022M10	2x2x1	11,3	52,8	190	18
47190D.X022M15	2x2x1,5	13,3	72	190	16

* The point inside the part number refers to the different colors in which outer sheath can be produced. Each color has different letter.

Other dimensions and colours available on request.