

## REXHOHR (PE/IAM/CAM/PVC)



### Construction:

<b>Conductor:</b>	stranded red copper conductor Cl. 2, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PE compound acc.to BS 6234
<b>Colour cores:</b>	blue-black, with black progressively numbered
<b>Stranding:</b>	conductors twisted in pairs
<b>Screen</b>	
<i>Individual:</i>	electrostatic screen of plastic and aluminium tape + tinned drain-wire
<i>Overall:</i>	electrostatic screen of plastic and aluminium tape + tinned drain-wire
<b>Outer sheath:</b>	blue (RAL 5015) or black (RAL 9005), PVC type TM1 acc. to BS 7655

### Resistance:



**Flame retardant acc. to:**  
 EN 50266-2-4  
 EN 60332-1  
 IEC 60332-3-24 CEI 20-22 III  
 BS 4066

### Technical data:

<b>Nominal voltage:</b>	300/500 V
<b>Test voltage:</b>	2 kV
<b>Temperature range:</b>	- 30 °C / + 70 °C
<b>Max short circuit temperature:</b>	+160°C

### Features:

according to BS 5308-1  
 Possible variation/alternative performance:  
 - PE insulation or elastomeric compound G10 - G7 insulation  
 - Hydrocarbons resistant (ENI 0181) or halogen free thermoplastic compound HF M1 outer sheath  
 - U /U 300/500 0,6/1 kV (with loading of outside diameter)

# INSTRUMENTATION CABLES

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Part no.	No. of pairs x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
47070D.X042M05	4x2x0,50	11,2	-	62	20
47070D.X062M05	6x2x0,50	13,2	-	90	20
47070D.X082M05	8x2x0,50	14,4	-	119	20
47070D.X102M05	10x2x0,50	17,2	-	147	20
47070D.X122M05	12x2x0,50	17,7	-	176	20
47070D.X162M05	16x2x0,50	20,2	-	233	20
47070D.X202M05	20x2x0,50	22,2	-	290	20
47070D.X242M05	24x2x0,50	25,2	-	348	19
47070D.X022M07	2x2x0,75	10,4	43,2	115	19
47070D.X042M07	4x2x0,75	12	81,6	175	19
47070D.X062M07	6x2x0,75	14	120	250	19
47070D.X082M07	8x2x0,75	15,5	158,4	295	19
47070D.X102M07	10x2x0,75	19	196,8	420	19
47070D.X122M07	12x2x0,75	16,5	235,2	475	19
47070D.X162M07	16x2x0,75	21,6	312	600	19
47070D.X202M07	20x2x0,75	24,5	388,8	750	19
47070D.X242M07	24x2x0,75	27	465,6	875	19
47070D.X022M10	2x2x1	11,2	52,8	135	18
47070D.X042M10	4x2x1	13	100,8	205	18
47070D.X062M10	6x2x1	15,3	148,8	294	18
47070D.X082M10	8x2x1	17,3	196,8	380	18
47070D.X102M10	10x2x1	20,6	244,8	495	18
47070D.X202M10	20x2x1	26,5	448,8	895	18
47070D.X022M15	2x2x1,5	13	72	170	16
47070D.X042M15	4x2x1,5	15	139,2	275	16
47070D.X062M15	6x2x1,5	19,2	206,4	455	16
47070D.X082M15	8x2x1,5	21	273,6	540	16
47070D.X102M15	10x2x1,5	24,8	340,8	700	16
47070D.X202M15	20x2x1,5	32	811,2	1255	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.