



ÖLFLEX® INSTRUM RE-2X(ST)YRY PiMF

Info

- Armoured XLPE insulation
- Individual and Overall Screen



Application range

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Oil and Gas industry
- Petrochemical industry
- Generally used for indoor installation and suitable for wet and damp areas
- The Blue outer sheath is suitable for use with Group 2 Intrinsically Safe (IS) systems in hazardous areas where the voltage range is <50 VAC / <75 VDC

Product features

- Cable construction in acc. to BS EN 50288-7
- Flame retardant in acc. to IEC 60332-3-24

Product Make-up

- Stranded plain annealed copper wires
- XLPE core insulation
- Pairs are individually and collectively screened with aluminium polyester tape
- Tinned copper drain wire
- PVC inner sheath, black
- PVC outer sheath, black or blue
- Galvanized steel wire armoured

Technical data

- Classification**
ETIM ETIM 5.0 Class-Description: Control cable
ETIM 5.0 Class-ID: EC000104
- Core identification code**
Pair: black and white
Multipair: black and white with numbers
- Conductor stranding**
acc. to BS 6360 / IEC 60228 Cl. 2
- Minimum bending radius**
10 x cable diameter
- Nominal voltage**
500 V
<50 VAC / <75 VDC for Intrinsically Safe (IS) circuits application
- Temperature range**
-30°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® INSTRUM RE-2X(ST)Y PiMF					
1270600	2x2x0.5	15.4	black	33.6	349
1270601	2x2x0.5	15.4	blue	33.6	349
1270602	4x2x0.5	17.7	black	62.4	514
1270603	4x2x0.5	17.7	blue	62.4	514
1270604	6x2x0.5	20.2	black	91.2	629
1270605	6x2x0.5	20.2	blue	91.2	629
1270606	8x2x0.5	22.3	black	120.0	742
1270607	8x2x0.5	22.3	blue	120.0	742
1270608	10x2x0.5	25.3	black	148.8	999
1270609	10x2x0.5	25.3	blue	148.8	999
1270610	12x2x0.5	26.1	black	177.6	1,058
1270611	12x2x0.5	26.1	blue	177.6	1,058
1270640	2x2x0.75	16.1	black	43.2	383
1270641	2x2x0.75	16.1	blue	43.2	383
1270642	4x2x0.75	19.0	black	81.6	579
1270643	4x2x0.75	19.0	blue	81.6	579
1270644	6x2x0.75	21.6	black	120.0	730
1270645	6x2x0.75	21.6	blue	120.0	730
1270646	8x2x0.75	24.3	black	158.4	961
1270647	8x2x0.75	24.3	blue	158.4	961
1270648	10x2x0.75	27.0	black	196.8	1,130
1270649	10x2x0.75	27.0	blue	196.8	1,130
1270650	12x2x0.75	27.9	black	235.2	1,200
1270651	12x2x0.75	27.9	blue	235.2	1,200
1270680	2x2x1	17.5	black	52.8	497
1270681	2x2x1	17.5	blue	52.8	497
1270682	4x2x1	19.7	black	100.8	628
1270683	4x2x1	19.7	blue	100.8	628
1270684	6x2x1	23.5	black	148.8	911
1270685	6x2x1	23.5	blue	148.8	911

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1270686	8x2x1	25.9	black	196.8	1,084
1270687	8x2x1	25.9	blue	196.8	1,084
1270688	10x2x1	28.5	black	244.8	1,255
1270689	10x2x1	28.5	blue	244.8	1,255
1270690	12x2x1	29.4	black	292.8	1,338
1270691	12x2x1	29.4	blue	292.8	1,338
1270730	2x2x1.5	19.0	black	72.0	574
1270731	2x2x1.5	19.0	blue	72.0	574
1270732	4x2x1.5	21.3	black	139.2	731
1270733	4x2x1.5	21.3	blue	139.2	731
1270734	6x2x1.5	25.3	black	206.4	1,065
1270735	6x2x1.5	25.3	blue	206.4	1,065
1270736	8x2x1.5	27.9	black	273.6	1,247
1270737	8x2x1.5	27.9	blue	273.6	1,247
1270738	10x2x1.5	31.1	black	340.8	1,473
1270739	10x2x1.5	31.1	blue	340.8	1,473
1270740	12x2x1.5	31.9	black	408.0	1,582
1270741	12x2x1.5	31.9	blue	408.0	1,582
1270760	2x2x2.5	21.4	black	110.4	710
1270761	2x2x2.5	21.4	blue	110.4	710
1270762	4x2x2.5	25.1	black	216.0	1,080
1270763	4x2x2.5	25.1	blue	216.0	1,080
1270764	6x2x2.5	29.0	black	321.6	1,370
1270765	6x2x2.5	29.0	blue	321.6	1,370
1270766	8x2x2.5	32.2	black	427.2	1,621
1270767	8x2x2.5	32.2	blue	427.2	1,621
1270768	10x2x2.5	37.0	black	532.8	2,170
1270769	10x2x2.5	37.0	blue	532.8	2,170
1270770	12x2x2.5	38.1	black	638.4	2,355
1270771	12x2x2.5	38.1	blue	638.4	2,355

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

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