

ÖLFLEX® INSTRUM RE-2X(ST)YRY



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 collectively screened with aluminium polyester tape
- Tinned copper drain wire
- PVC inner sheath, black
- PVC outer sheath, black or blue
- Galvanized steel wire armoured

Info

- Armoured XLPE insulation
- Overall Screen

Technical data

- Classification**
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					
1270400	1x2x0.5	11.3	black	14.4	218
1270401	1x2x0.5	11.3	blue	14.4	218
1270402	2x2x0.5	14.4	black	24.0	335
1270403	2x2x0.5	14.4	blue	24.0	335
1270404	4x2x0.5	16.1	black	43.2	392
1270405	4x2x0.5	16.1	blue	43.2	392
1270406	6x2x0.5	19.2	black	62.4	527
1270407	6x2x0.5	19.2	blue	62.4	527
1270408	8x2x0.5	20.8	black	81.6	722
1270409	8x2x0.5	20.8	blue	81.6	722
1270410	10x2x0.5	23.8	black	100.8	822
1270411	10x2x0.5	23.8	blue	100.8	822
1270412	12x2x0.5	24.3	black	120.0	903
1270413	12x2x0.5	24.3	blue	120.0	903
1270440	1x2x0.75	11.7	black	19.2	237
1270441	1x2x0.75	11.7	blue	19.2	237
1270442	2x2x0.75	15.3	black	33.6	378
1270443	2x2x0.75	15.3	blue	33.6	378
1270444	4x2x0.75	17.6	black	62.4	526
1270445	4x2x0.75	17.6	blue	62.4	526
1270446	6x2x0.75	20.2	black	91.2	670
1270447	6x2x0.75	20.2	blue	91.2	670
1270448	8x2x0.75	22.3	black	120.0	785
1270449	8x2x0.75	22.3	blue	120.0	785
1270450	10x2x0.75	25.4	black	148.8	1,045
1270451	10x2x0.75	25.4	blue	148.8	1,045
1270452	12x2x0.75	26.2	black	177.6	1,115
1270453	12x2x0.75	26.2	blue	177.6	1,115
1270480	1x2x1	12.3	black	24.0	255
1270481	1x2x1	12.3	blue	24.0	255
1270482	2x2x1	15.9	black	43.2	385
1270483	2x2x1	15.9	blue	43.2	385
1270484	4x2x1	18.8	black	81.6	595
1270485	4x2x1	18.8	blue	81.6	595
1270486	6x2x1	21.4	black	120.0	735

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1270487	6x2x1	21.4	blue	120.0	735
1270488	8x2x1	24.1	black	158.4	995
1270489	8x2x1	24.1	blue	158.4	995
1270490	10x2x1	26.8	black	196.8	1,153
1270491	10x2x1	26.8	blue	196.8	1,153
1270492	12x2x1	27.4	black	235.2	1,238
1270493	12x2x1	27.4	blue	235.2	1,238
1270530	1x2x1.5	12.9	black	33.6	281
1270531	1x2x1.5	12.9	blue	33.6	281
1270532	2x2x1.5	17.6	black	62.4	525
1270533	2x2x1.5	17.6	blue	62.4	525
1270534	4x2x1.5	20.0	black	120.0	676
1270535	4x2x1.5	20.0	blue	120.0	676
1270536	6x2x1.5	23.7	black	177.6	985
1270537	6x2x1.5	23.7	blue	177.6	985
1270538	8x2x1.5	26.2	black	235.2	1,162
1270539	8x2x1.5	26.2	blue	235.2	1,162
1270540	10x2x1.5	29.0	black	292.8	1,354
1270541	10x2x1.5	29.0	blue	292.8	1,354
1270542	12x2x1.5	29.9	black	350.4	1,473
1270543	12x2x1.5	29.9	blue	350.4	1,473
1270570	1x2x2.5	14.4	black	52.8	350
1270571	1x2x2.5	14.4	blue	52.8	350
1270572	2x2x2.5	20.1	black	100.8	658
1270573	2x2x2.5	20.1	blue	100.8	658
1270574	4x2x2.5	23.5	black	196.8	1,005
1270575	4x2x2.5	23.5	blue	196.8	1,005
1270576	6x2x2.5	27.2	black	292.8	1,266
1270577	6x2x2.5	27.2	blue	292.8	1,266
1270578	8x2x2.5	30.2	black	388.8	1,510
1270579	8x2x2.5	30.2	blue	388.8	1,510
1270580	10x2x2.5	33.9	black	484.8	1,818
1270581	10x2x2.5	33.9	blue	484.8	1,818
1270582	12x2x2.5	35.6	black	580.8	2,206
1270583	12x2x2.5	35.6	blue	580.8	2,206

• 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.