

ÖLFLEX® INSTRUM RE-2X(ST)YRY



Info

- Armoured
- Overall Screen
- XLPE insulation

Technical data

Core identification code
Pair: black and white
Multipair: black and white with numbers

Based on
EN 50288-7

Specific insulation resistance
> 1000 MOhm x km

Conductor stranding
acc. to IEC 60228 Cl. 2

Minimum bending radius
10 x cable diameter

Nominal voltage
500V
<50 VAC / <75 VDC for Intrinsically Safe (IS) circuits application. See application range.

Test voltage
2000 V

Temperature range
-30°C to +90°C

Application range

- For communication, data and voice transmission signal in industrial process manufacturing plants
- Oil and Gas industry
- Petrochemical industry
- Generally used for outdoor installation for direct burial or installed in the duct
- 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

Approvals (Norm references)



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
- Galvanized steel wire armoured
- PVC outer sheath, black or blue
- Also available in LSHF version

Product features

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

Article number	Number of pairs/conductor cross section (mm²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
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
1270414	16x2x0.5	26.6	black	158.4	1311
1270415	16x2x0.5	26.6	blue	158.4	1311
1270416	20x2x0.5	29.0	black	196.8	1406
1270417	20x2x0.5	29.0	blue	196.8	1406
1270418	24x2x0.5	31.7	black	235.2	1539
1270419	24x2x0.5	31.7	blue	235.2	1539
1270420	30x2x0.5	33.3	black	292.8	1800
1270421	30x2x0.5	33.3	blue	292.8	1800
1270422	36x2x0.5	36.4	black	350.4	2061
1270423	36x2x0.5	36.4	blue	350.4	2061
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	1045
1270451	10x2x0.75	25.4	blue	148.8	1045
1270452	12x2x0.75	26.2	black	177.6	1115
1270453	12x2x0.75	26.2	blue	177.6	1115
1270454	16x2x0.75	28.5	black	235.2	1290
1270455	16x2x0.75	28.5	blue	235.2	1290
1270456	20x2x0.75	31.3	black	292.8	1501
1270457	20x2x0.75	31.3	blue	292.8	1501
1270458	24x2x0.75	35.0	black	350.4	1975
1270459	24x2x0.75	35.0	blue	350.4	1975
1270460	30x2x0.75	36.6	black	436.8	2150
1270461	30x2x0.75	36.6	blue	436.8	2150
1270462	36x2x0.75	39.2	black	523.2	2415
1270463	36x2x0.75	39.2	blue	523.2	2415
1270480	1x2x1.0	12.3	black	24.0	255
1270481	1x2x1.0	12.3	blue	24.0	255
1270482	2x2x1.0	15.9	black	43.2	385
1270483	2x2x1.0	15.9	blue	43.2	385
1270484	4x2x1.0	18.8	black	81.6	595
1270485	4x2x1.0	18.8	blue	81.6	595
1270486	6x2x1.0	21.4	black	120.0	735
1270487	6x2x1.0	21.4	blue	120.0	735
1270488	8x2x1.0	24.1	black	158.4	995
1270489	8x2x1.0	24.1	blue	158.4	995
1270490	10x2x1.0	26.8	black	196.8	1153
1270491	10x2x1.0	26.8	blue	196.8	1153

Article number	Number of pairs/conductor cross section (mm²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
1270492	12x2x1.0	27.4	black	235.2	1238
1270493	12x2x1.0	27.4	blue	235.2	1238
1270494	16x2x1.0	30.1	black	312.0	1446
1270495	16x2x1.0	30.1	blue	312.0	1446
1270496	20x2x1.0	32.8	black	388.8	1666
1270497	20x2x1.0	32.8	blue	388.8	1666
1270498	24x2x1.0	37.0	black	465.6	2172
1270499	24x2x1.0	37.0	blue	465.6	2172
1270500	30x2x1.0	38.9	black	580.8	2426
1270501	30x2x1.0	38.9	blue	580.8	2426
1270502	36x2x1.0	41.7	black	696.0	2565
1270503	36x2x1.0	41.7	blue	696.0	2565
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	1162
1270539	8x2x1.5	26.2	blue	235.2	1162
1270540	10x2x1.5	29.0	black	292.8	1354
1270541	10x2x1.5	29.0	blue	292.8	1354
1270542	12x2x1.5	29.9	black	350.4	1473
1270543	12x2x1.5	29.9	blue	350.4	1473
1270544	16x2x1.5	32.6	black	465.6	1733
1270545	16x2x1.5	32.6	blue	465.6	1733
1270546	20x2x1.5	36.7	black	580.8	2275
1270547	20x2x1.5	36.7	blue	580.8	2275
1270548	24x2x1.5	40.4	black	696.0	2612
1270549	24x2x1.5	40.4	blue	696.0	2612
1270550	30x2x1.5	42.5	black	868.8	2930
1270551	30x2x1.5	42.5	blue	868.8	2930
1270552	36x2x1.5	46.8	black	1,041.6	3740
1270553	36x2x1.5	46.8	blue	1,041.6	3740
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	1005
1270575	4x2x2.5	23.5	blue	196.8	1005
1270576	6x2x2.5	27.2	black	292.8	1266
1270577	6x2x2.5	27.2	blue	292.8	1266
1270578	8x2x2.5	30.2	black	388.8	1510
1270579	8x2x2.5	30.2	blue	388.8	1510
1270580	10x2x2.5	33.9	black	484.8	1818
1270581	10x2x2.5	33.9	blue	484.8	1818
1270582	12x2x2.5	35.6	black	580.8	2206
1270583	12x2x2.5	35.6	blue	580.8	2206
1270584	16x2x2.5	39.0	black	772.8	2597
1270585	16x2x2.5	39.0	blue	772.8	2597
1270586	20x2x2.5	43.2	black	964.8	3070
1270587	20x2x2.5	43.2	blue	964.8	3070
1270588	24x2x2.5	48.6	black	1,156.8	3978
1270589	24x2x2.5	48.6	blue	1,156.8	3978
1270590	30x2x2.5	51.1	black	1,444.8	4474
1270591	30x2x2.5	51.1	blue	1,444.8	4474
1270592	36x2x2.5	54.8	black	1,732.8	5060
1270593	36x2x2.5	54.8	blue	1,732.8	5060

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.

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