

ÖLFLEX® INSTRUM RE-2X(ST)Y

Info

- Un-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
6 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 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 EN 50288-7
 - Flame retardant in acc. to IEC 60332-3-24

- Approvals (Norm references)**
- CE RoHS**
- Design**
- Stranded plain annealed copper wires
 - XLPE core insulation
 - Pairs are collectively screened with aluminium polyester tape
 - Tinned copper drain wire
 - PVC outer sheath, black or blue

Article number	Number of pairs/ conductor cross section (mm²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
1270000	1x2x0.5	6.9	black	14.4	48
1270001	1x2x0.5	6.9	blue	14.4	48
1270002	2x2x0.5	9.8	black	24.0	73
1270003	2x2x0.5	9.8	blue	24.0	73
1270004	4x2x0.5	11.5	black	43.2	132
1270005	4x2x0.5	11.5	blue	43.2	132
1270006	6x2x0.5	13.7	black	62.4	185
1270007	6x2x0.5	13.7	blue	62.4	185
1270008	8x2x0.5	15.2	black	81.6	223
1270009	8x2x0.5	15.2	blue	81.6	223
1270010	10x2x0.5	17.4	black	100.8	276
1270011	10x2x0.5	17.4	blue	100.8	276
1270012	12x2x0.5	17.9	black	120.0	323
1270013	12x2x0.5	17.9	blue	120.0	323
1270014	16x2x0.5	20.0	black	158.4	390
1270015	16x2x0.5	20.0	blue	158.4	390
1270016	20x2x0.5	20.8	black	196.8	499
1270017	20x2x0.5	20.8	blue	196.8	499
1270018	24x2x0.5	22.4	black	235.2	589
1270019	24x2x0.5	22.4	blue	235.2	589
1270020	30x2x0.5	26.4	black	292.8	713
1270021	30x2x0.5	26.4	blue	292.8	713
1270022	36x2x0.5	28.6	black	350.4	822
1270023	36x2x0.5	28.6	blue	350.4	822
1270030	1x2x0.75	7.3	black	19.2	57
1270031	1x2x0.75	7.3	blue	19.2	57
1270032	2x2x0.75	10.7	black	33.6	88
1270033	2x2x0.75	10.7	blue	33.6	88
1270034	4x2x0.75	12.3	black	62.4	213
1270035	4x2x0.75	12.3	blue	62.4	213
1270036	6x2x0.75	14.7	black	91.2	233
1270037	6x2x0.75	14.7	blue	91.2	233
1270038	8x2x0.75	16.7	black	120.0	285
1270039	8x2x0.75	16.7	blue	120.0	285
1270040	10x2x0.75	19.0	black	148.8	352
1270041	10x2x0.75	19.0	blue	148.8	352
1270042	12x2x0.75	19.6	black	177.6	409
1270043	12x2x0.75	19.6	blue	177.6	409
1270044	16x2x0.75	21.8	black	235.2	523
1270045	16x2x0.75	21.8	blue	235.2	523
1270046	20x2x0.75	24.5	black	292.8	646
1270047	20x2x0.75	24.5	blue	292.8	646
1270048	24x2x0.75	27.2	black	350.4	751
1270049	24x2x0.75	27.2	blue	350.4	751
1270050	30x2x0.75	28.8	black	436.8	875
1270051	30x2x0.75	28.8	blue	436.8	875
1270052	36x2x0.75	31.2	black	523.2	1126
1270053	36x2x0.75	31.2	blue	523.2	1126
1270080	1x2x1.0	7.9	black	24.0	71
1270081	1x2x1.0	7.9	blue	24.0	71
1270082	2x2x1.0	11.3	black	43.2	102
1270083	2x2x1.0	11.3	blue	43.2	102
1270084	4x2x1.0	13.2	black	81.6	195
1270085	4x2x1.0	13.2	blue	81.6	195
1270086	6x2x1.0	15.9	black	120.0	291
1270087	6x2x1.0	15.9	blue	120.0	291
1270088	8x2x1.0	17.7	black	158.4	356
1270089	8x2x1.0	17.7	blue	158.4	356
1270090	10x2x1.0	20.1	black	196.8	439
1270091	10x2x1.0	20.1	blue	196.8	439

Article number	Number of pairs/ conductor cross section (mm²)	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
1270092	12x2x1.0	20.8	black	235.2	511
1270093	12x2x1.0	20.8	blue	235.2	511
1270094	16x2x1.0	23.2	black	312.0	653
1270095	16x2x1.0	23.2	blue	312.0	653
1270096	20x2x1.0	26.0	black	388.8	808
1270097	20x2x1.0	26.0	blue	388.8	808
1270098	24x2x1.0	29.0	black	465.6	938
1270099	24x2x1.0	29.0	blue	465.6	938
1270100	30x2x1.0	30.9	black	580.8	1074
1270101	30x2x1.0	30.9	blue	580.8	1074
1270102	36x2x1.0	33.5	black	696.0	1407
1270103	36x2x1.0	33.5	blue	696.0	1407
1270120	1x2x1.5	8.5	black	33.6	86
1270121	1x2x1.5	8.5	blue	33.6	86
1270122	2x2x1.5	12.3	black	62.4	134
1270123	2x2x1.5	12.3	blue	62.4	134
1270124	4x2x1.5	14.4	black	120.0	240
1270125	4x2x1.5	14.4	blue	120.0	240
1270126	6x2x1.5	17.4	black	177.6	337
1270127	6x2x1.5	17.4	blue	177.6	337
1270128	8x2x1.5	19.6	black	235.2	428
1270129	8x2x1.5	19.6	blue	235.2	428
1270130	10x2x1.5	22.4	black	292.8	537
1270131	10x2x1.5	22.4	blue	292.8	537
1270132	12x2x1.5	23.1	black	350.4	627
1270133	12x2x1.5	23.1	blue	350.4	627
1270134	16x2x1.5	25.8	black	465.6	798
1270135	16x2x1.5	25.8	blue	465.6	798
1270136	20x2x1.5	28.9	black	580.8	1007
1270137	20x2x1.5	28.9	blue	580.8	1007
1270138	24x2x1.5	32.4	black	696.0	1192
1270139	24x2x1.5	32.4	blue	696.0	1192
1270140	30x2x1.5	34.3	black	868.8	1473
1270141	30x2x1.5	34.3	blue	868.8	1473
1270142	36x2x1.5	37.4	black	1,041.6	1753
1270143	36x2x1.5	37.4	blue	1,041.6	1753
1270150	1x2x2.5	9.8	black	52.8	105
1270151	1x2x2.5	9.8	blue	52.8	105
1270152	2x2x2.5	14.6	black	100.8	188
1270153	2x2x2.5	14.6	blue	100.8	188
1270154	4x2x2.5	17.1	black	196.8	310
1270155	4x2x2.5	17.1	blue	196.8	310
1270156	6x2x2.5	20.6	black	292.8	440
1270157	6x2x2.5	20.6	blue	292.8	440
1270158	8x2x2.5	23.4	black	388.8	570
1270159	8x2x2.5	23.4	blue	388.8	570
1270160	10x2x2.5	26.9	black	484.8	717
1270161	10x2x2.5	26.9	blue	484.8	717
1270162	12x2x2.5	27.8	black	580.8	828
1270163	12x2x2.5	27.8	blue	580.8	828
1270164	16x2x2.5	31.0	black	772.8	1072
1270165	16x2x2.5	31.0	blue	772.8	1072
1270166	20x2x2.5	35.0	black	964.8	1338
1270167	20x2x2.5	35.0	blue	964.8	1338
1270168	24x2x2.5	39.0	black	1,156.8	1595
1270169	24x2x2.5	39.0	blue	1,156.8	1595
1270170	30x2x2.5	41.5	black	1,444.8	1946
1270171	30x2x2.5	41.5	blue	1,444.8	1946
1270172	36x2x2.5	45.0	black	1,732.8	2309
1270173	36x2x2.5	45.0	blue	1,732.8	2309

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.