



ÖLFLEX® INSTRUM RE-Y(ST)YRY PIMF

i Info

- Armoured PVC (V-90HT) Heat Resistant
- 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
- PVC (V-90HT) 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: Data cable
ETIM 5.0 Class-ID: EC000 104
- Core identification code**
Pair: black and white
Multipair: black and white with numbers
Multipair: black 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 +105°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-Y(ST)YRY PIMF					
1271600	2x2x0.5	15.4	black	33.6	116
1271601	2x2x0.5	15.4	blue	33.6	116
1271624	3x2x0.5	16.0	black	48.0	155
1271625	3x2x0.5	16.0	blue	48.0	155
1271602	4x2x0.5	17.7	black	62.4	202
1271603	4x2x0.5	17.7	blue	62.4	202
1271626	5x2x0.5	19.1	black	76.8	238
1271627	5x2x0.5	19.1	blue	76.8	238
1271604	6x2x0.5	20.2	black	91.2	275
1271605	6x2x0.5	20.2	blue	91.2	275
1271606	8x2x0.5	22.3	black	120.0	336
1271607	8x2x0.5	22.3	blue	120.0	336
1271608	10x2x0.5	25.3	black	148.8	418
1271609	10x2x0.5	25.3	blue	148.8	418
1271610	12x2x0.5	26.1	black	177.6	490
1271611	12x2x0.5	26.1	blue	177.6	490
1271080	2x2x0.75	16.1	black	43.2	451
1271081	2x2x0.75	16.1	blue	43.2	451
1271104	3x2x0.75	17.5	black	62.4	565
1271105	3x2x0.75	17.5	blue	62.4	565
1271082	4x2x0.75	19.0	black	81.6	717
1271083	4x2x0.75	19.0	blue	81.6	717
1271106	5x2x0.75	20.1	black	100.8	838
1271107	5x2x0.75	20.1	blue	100.8	838
1271084	6x2x0.75	21.6	black	120.0	952
1271085	6x2x0.75	21.6	blue	120.0	952
1271086	8x2x0.75	24.3	black	158.4	1,084
1271087	8x2x0.75	24.3	blue	158.4	1,084
1271088	10x2x0.75	27.0	black	196.8	1,458
1271089	10x2x0.75	27.0	blue	196.8	1,458
1271090	12x2x0.75	27.9	black	235.2	1,612
1271091	12x2x0.75	27.9	blue	235.2	1,612
1271680	2x2x1.0	17.5	black	52.8	564
1271681	2x2x1.0	17.5	blue	52.8	564
1271704	3x2x1.0	18.6	black	76.8	710
1271705	3x2x1.0	18.6	blue	76.8	710
1271682	4x2x1.0	19.7	black	100.8	879
1271683	4x2x1.0	19.7	blue	100.8	879
1271706	5x2x1.0	21.0	black	124.8	998
1271707	5x2x1.0	21.0	blue	124.8	998

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1271684	6x2x1.0	23.5	black	148.8	1,189
1271685	6x2x1.0	23.5	blue	148.8	1,189
1271686	8x2x1.0	25.9	black	196.8	1,354
1271687	8x2x1.0	25.9	blue	196.8	1,354
1271688	10x2x1.0	28.5	black	244.8	1,822
1271689	10x2x1.0	28.5	blue	244.8	1,822
1271690	12x2x1.0	29.4	black	292.8	2,014
1271691	12x2x1.0	29.4	blue	292.8	2,014
1271720	2x2x1.5	19.0	black	72.0	644
1271721	2x2x1.5	19.0	blue	72.0	644
1271746	3x2x1.5	19.8	black	105.6	788
1271747	3x2x1.5	19.8	blue	105.6	788
1271722	4x2x1.5	21.3	black	139.2	970
1271723	4x2x1.5	21.3	blue	139.2	970
1271742	5x2x1.5	23.6	black	172.8	1,128
1271743	5x2x1.5	23.6	blue	172.8	1,128
1271724	6x2x1.5	25.3	black	206.4	1,315
1271725	6x2x1.5	25.3	blue	206.4	1,315
1271726	8x2x1.5	27.9	black	273.6	1,584
1271727	8x2x1.5	27.9	blue	273.6	1,584
1271728	10x2x1.5	31.1	black	340.8	1,865
1271729	10x2x1.5	31.1	blue	340.8	1,865
1271730	12x2x1.5	31.9	black	408.0	2,085
1271731	12x2x1.5	31.9	blue	408.0	2,085
1271760	2x2x2.5	21.4	black	110.4	803
1271761	2x2x2.5	21.4	blue	110.4	803
1271784	3x2x2.5	22.6	black	163.2	956
1271785	3x2x2.5	22.6	blue	163.2	956
1271762	4x2x2.5	25.1	black	216.0	1,139
1271763	4x2x2.5	25.1	blue	216.0	1,139
1271786	5x2x2.5	27.0	black	268.8	1,386
1271787	5x2x2.5	27.0	blue	268.8	1,386
1271764	6x2x2.5	29.0	black	321.6	1,705
1271765	6x2x2.5	29.0	blue	321.6	1,705
1271766	8x2x2.5	32.2	black	427.2	1,997
1271767	8x2x2.5	32.2	blue	427.2	1,997
1271768	10x2x2.5	37.0	black	532.8	2,376
1271769	10x2x2.5	37.0	blue	532.8	2,376
1271770	12x2x2.5	38.1	black	638.4	2,717
1271771	12x2x2.5	38.1	blue	638.4	2,717

• 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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