

ÖLFLEX® INSTRUM RE-Y(ST)YRY



i Info

- Armoured PVC (V-90HT) Heat Resistant
- 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 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 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000104
- Core identification code**
Pair: black and white
Multipair: black and white with numbers
Multicore: black with numbers (4C and above)
- 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					
1271380	1x2x0.5	11.3	black	14.4	248
1271381	1x2x0.5	11.3	blue	14.4	248
1271382	2x2x0.5	14.4	black	24.0	365
1271383	2x2x0.5	14.4	blue	24.0	365
1271404	3x2x0.5	15.2	black	33.6	406
1271405	3x2x0.5	15.2	blue	33.6	406
1271384	4x2x0.5	16.1	black	43.2	455
1271385	4x2x0.5	16.1	blue	43.2	455
1271420	1x2x0.75	11.7	black	19.2	264
1271421	1x2x0.75	11.7	blue	19.2	264
1271422	2x2x0.75	15.3	black	33.6	395
1271423	2x2x0.75	15.3	blue	33.6	395
1271444	3x2x0.75	15.9	black	48.1	486
1271445	3x2x0.75	15.9	blue	48.1	486
1271424	4x2x0.75	17.6	black	62.4	603
1271425	4x2x0.75	17.6	blue	62.4	603
1271460	1x2x1.0	12.3	black	24.0	270
1271461	1x2x1.0	12.3	blue	24.0	270
1271462	2x2x1.0	15.9	black	43.2	429
1271463	2x2x1.0	15.9	blue	43.2	429
1271486	3x2x1.0	17.3	black	62.4	569
1271487	3x2x1.0	17.3	blue	62.4	569
1271464	4x2x1.0	18.8	black	81.6	753
1271465	4x2x1.0	18.8	blue	81.6	753
1271500	1x2x1.5	12.9	black	33.6	336
1271501	1x2x1.5	12.9	blue	33.6	336
1271502	2x2x1.5	17.6	black	62.4	589
1271503	2x2x1.5	17.6	blue	62.4	589
1271524	3x2x1.5	18.7	black	91.2	675
1271525	3x2x1.5	18.7	blue	91.2	675
1271504	4x2x1.5	20.0	black	120.0	849
1271505	4x2x1.5	20.0	blue	120.0	849
1271550	1x2x2.5	14.4	black	52.8	407
1271551	1x2x2.5	14.4	blue	52.8	407
1271552	2x2x2.5	20.1	black	100.8	689
1271553	2x2x2.5	20.1	blue	100.8	689
1271576	3x2x2.5	21.0	black	148.8	855
1271577	3x2x2.5	21.0	blue	148.8	855
1271554	4x2x2.5	23.5	black	196.8	1,111
1271555	4x2x2.5	23.5	blue	196.8	1,111

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1271800	3x0.5	11.6	black	19.2	280
1271801	3x0.5	11.6	blue	19.2	280
1271802	4x0.5	12.4	black	24.0	335
1271803	4x0.5	12.4	blue	24.0	335
1271804	6x0.5	13.6	black	33.6	360
1271805	6x0.5	13.6	blue	33.6	360
1271818	8x0.5	15.0	black	43.2	445
1271819	8x0.5	15.0	blue	43.2	445
1271806	10x0.5	16.1	black	52.8	510
1271807	10x0.5	16.1	blue	52.8	510
1271830	3x0.75	12.3	black	26.4	305
1271831	3x0.75	12.3	blue	26.4	305
1271832	4x0.75	12.9	black	33.6	355
1271833	4x0.75	12.9	blue	33.6	355
1271834	6x0.75	14.5	black	48.0	400
1271835	6x0.75	14.5	blue	48.0	400
1271848	8x0.75	15.7	black	62.4	502
1271849	8x0.75	15.7	blue	62.4	502
1271836	10x0.75	17.9	black	76.8	565
1271837	10x0.75	17.9	blue	76.8	565
1271860	3x1.5	13.3	black	48.0	380
1271861	3x1.5	13.3	blue	48.0	380
1271862	4x1.5	14.1	black	62.4	420
1271863	4x1.5	14.1	blue	62.4	420
1271864	6x1.5	16.1	black	91.2	540
1271865	6x1.5	16.1	blue	91.2	540
1271879	8x1.5	18.3	black	120.0	618
1271880	8x1.5	18.3	blue	120.0	618
1271866	10x1.5	20.0	black	148.8	750
1271867	10x1.5	20.0	blue	148.8	750
1271900	3x2.5	15.1	black	76.8	500
1271901	3x2.5	15.1	blue	76.8	500
1271902	4x2.5	16.0	black	100.8	535
1271903	4x2.5	16.0	blue	100.8	535
1271904	6x2.5	19.1	black	148.8	780
1271905	6x2.5	19.1	blue	148.8	780
1271918	8x2.5	20.7	black	196.8	856
1271919	8x2.5	20.7	blue	196.8	856
1271906	10x2.5	23.6	black	244.8	940
1271907	10x2.5	23.6	blue	244.8	940

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.