

ÖLFLEX® INSTRUM RE-Y(ST)Y



Info

- Un-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 outer sheath, black or blue

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**
6 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)Y					
1270800	1x2x0.5	6.9	black	14.4	60
1270801	1x2x0.5	6.9	blue	14.4	60
1270802	2x2x0.5	9.8	black	24.0	86
1270803	2x2x0.5	9.8	blue	24.0	86
1270824	3x2x0.5	10.6	black	33.6	125
1270825	3x2x0.5	10.6	blue	33.6	125
1270804	4x2x0.5	11.5	black	43.2	160
1270805	4x2x0.5	11.5	blue	43.2	160
1270840	1x2x0.75	7.3	black	19.2	69
1270841	1x2x0.75	7.3	blue	19.2	69
1270842	2x2x0.75	10.7	black	33.6	104
1270843	2x2x0.75	10.7	blue	33.6	104
1270866	3x2x0.75	11.3	black	48.0	118
1270867	3x2x0.75	11.3	blue	48.0	118
1270844	4x2x0.75	12.3	black	62.4	187
1270845	4x2x0.75	12.3	blue	62.4	187
1270900	1x2x1.0	7.9	black	24.0	92
1270901	1x2x1.0	7.9	blue	24.0	92
1270902	2x2x1.0	11.3	black	43.2	129
1270903	2x2x1.0	11.3	blue	43.2	129
1270926	3x2x1.0	12.0	black	62.4	155
1270927	3x2x1.0	12.0	blue	62.4	155
1270904	4x2x1.0	13.2	black	81.6	234
1270905	4x2x1.0	13.2	blue	81.6	234
1270950	1x2x1.5	8.5	black	33.6	104
1270951	1x2x1.5	8.5	blue	33.6	104
1270952	2x2x1.5	12.3	black	62.4	155
1270953	2x2x1.5	12.3	blue	62.4	155
1270978	3x2x1.5	13.2	black	91.2	176
1270979	3x2x1.5	13.2	blue	91.2	176
1270954	4x2x1.5	14.4	black	120.0	290
1270955	4x2x1.5	14.4	blue	120.0	290
1271000	1x2x2.5	9.8	black	52.8	132
1271001	1x2x2.5	9.8	blue	52.8	132
1271002	2x2x2.5	14.6	black	100.8	226
1271003	2x2x2.5	14.6	blue	100.8	226
1271026	3x2x2.5	15.5	black	148.8	258
1271027	3x2x2.5	15.5	blue	148.8	258
1271004	4x2x2.5	17.1	black	196.8	372
1271005	4x2x2.5	17.1	blue	196.8	372

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1271250	3x0.5	7.2	black	19.2	51
1271251	3x0.5	7.2	blue	19.2	51
1271252	4x0.5	8.0	black	24.0	63
1271253	4x0.5	8.0	blue	24.0	63
1271254	6x0.5	9.2	black	33.6	89
1271255	6x0.5	9.2	blue	33.6	89
1271268	8x0.5	10.4	black	43.2	110
1271269	8x0.5	10.4	blue	43.2	110
1271256	10x0.5	11.5	black	52.8	135
1271257	10x0.5	11.5	blue	52.8	135
1271280	3x0.75	7.9	black	26.4	61
1271281	3x0.75	7.9	blue	26.4	61
1271282	4x0.75	8.5	black	33.6	76
1271283	4x0.75	8.5	blue	33.6	76
1271284	6x0.75	9.8	black	48.0	110
1271285	6x0.75	9.8	blue	48.0	110
1271248	8x0.75	11.1	black	62.4	140
1271249	8x0.75	11.1	blue	62.4	140
1271286	10x0.75	12.4	black	76.8	173
1271287	10x0.75	12.4	blue	76.8	173
1271300	3x1.5	9.0	black	48.0	95
1271301	3x1.5	9.0	blue	48.0	95
1271302	4x1.5	9.7	black	62.4	120
1271303	4x1.5	9.7	blue	62.4	120
1271304	6x1.5	11.5	black	91.2	175
1271305	6x1.5	11.5	blue	91.2	175
1271318	8x1.5	12.8	black	120.0	225
1271319	8x1.5	12.8	blue	120.0	225
1271306	10x1.5	14.5	black	148.8	275
1271307	10x1.5	14.5	blue	148.8	275
1271340	3x2.5	9.9	black	76.8	145
1271341	3x2.5	9.9	blue	76.8	145
1271342	4x2.5	10.9	black	100.8	182
1271343	4x2.5	10.9	blue	100.8	182
1271344	6x2.5	12.8	black	148.8	266
1271345	6x2.5	12.8	blue	148.8	266
1271358	8x2.5	14.5	black	196.8	350
1271359	8x2.5	14.5	blue	196.8	350
1271346	10x2.5	16.4	black	244.8	434
1271347	10x2.5	16.4	blue	244.8	434

• 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.