



# ÖLFLEX® INSTRUM RE-Y(ST)Y PiMF

## Info

- Un-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 outer sheath, black or blue

## 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
- 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 <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® INSTRUM RE-Y(ST)Y PiMF</b>					
127 1050	2x2x0.5	10.8	black	33.6	116
127 1051	2x2x0.5	10.8	blue	33.6	116
127 1074	3x2x0.5	11.4	black	48.0	155
127 1075	3x2x0.5	11.4	blue	48.0	155
127 1052	4x2x0.5	12.4	black	62.4	202
127 1053	4x2x0.5	12.4	blue	62.4	202
127 1076	5x2x0.5	13.6	black	76.8	238
127 1077	5x2x0.5	13.6	blue	76.8	238
127 1054	6x2x0.5	14.7	black	91.2	275
127 1055	6x2x0.5	14.7	blue	91.2	275
127 1056	8x2x0.5	16.7	black	120.0	336
127 1057	8x2x0.5	16.7	blue	120.0	336
127 1058	10x2x0.5	18.9	black	148.8	418
127 1059	10x2x0.5	18.9	blue	148.8	418
127 1060	12x2x0.5	19.5	black	177.6	490
127 1061	12x2x0.5	19.5	blue	177.6	490
127 1080	2x2x0.75	11.6	black	43.2	138
127 1081	2x2x0.75	11.6	blue	43.2	138
127 1104	3x2x0.75	12.3	black	62.4	188
127 1105	3x2x0.75	12.3	blue	62.4	188
127 1082	4x2x0.75	13.5	black	81.6	252
127 1083	4x2x0.75	13.5	blue	81.6	252
127 1106	5x2x0.75	14.6	black	100.8	277
127 1107	5x2x0.75	14.6	blue	100.8	277
127 1084	6x2x0.75	16.1	black	120.0	330
127 1085	6x2x0.75	16.1	blue	120.0	330
127 1086	8x2x0.75	18.0	black	158.4	402
127 1087	8x2x0.75	18.0	blue	158.4	402
127 1088	10x2x0.75	20.5	black	196.8	501
127 1089	10x2x0.75	20.5	blue	196.8	501
127 1090	12x2x0.75	21.3	black	235.2	583
127 1091	12x2x0.75	21.3	blue	235.2	583
127 1120	2x2x1.0	12.2	black	52.8	172
127 1121	2x2x1.0	12.2	blue	52.8	172
127 1144	3x2x1.0	13.1	black	76.8	227
127 1145	3x2x1.0	13.1	blue	76.8	227
127 1122	4x2x1.0	14.3	black	100.8	315
127 1123	4x2x1.0	14.3	blue	100.8	315
127 1146	5x2x1.0	15.7	black	124.8	365
127 1147	5x2x1.0	15.7	blue	124.8	365

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
127 1124	6x2x1.0	17.1	black	148.8	413
127 1125	6x2x1.0	17.1	blue	148.8	413
127 1126	8x2x1.0	19.6	black	196.8	502
127 1127	8x2x1.0	19.6	blue	196.8	502
127 1128	10x2x1.0	22.0	black	244.8	626
127 1129	10x2x1.0	22.0	blue	244.8	626
127 1130	12x2x1.0	22.7	black	292.8	729
127 1131	12x2x1.0	22.7	blue	292.8	729
127 1160	2x2x1.5	13.5	black	72.0	193
127 1161	2x2x1.5	13.5	blue	72.0	193
127 1182	3x2x1.5	14.3	black	105.6	273
127 1183	3x2x1.5	14.3	blue	105.6	273
127 1162	4x2x1.5	15.8	black	139.2	369
127 1163	4x2x1.5	15.8	blue	139.2	369
127 1184	5x2x1.5	17.2	black	172.8	412
127 1185	5x2x1.5	17.2	blue	172.8	412
127 1164	6x2x1.5	18.9	black	206.4	468
127 1165	6x2x1.5	18.9	blue	206.4	468
127 1166	8x2x1.5	21.4	black	273.6	605
127 1167	8x2x1.5	21.4	blue	273.6	605
127 1168	10x2x1.5	24.3	black	340.8	748
127 1169	10x2x1.5	24.3	blue	340.8	748
127 1170	12x2x1.5	25.1	black	408.0	880
127 1171	12x2x1.5	25.1	blue	408.0	880
127 1200	2x2x2.5	15.9	black	110.4	259
127 1201	2x2x2.5	15.9	blue	110.4	259
127 1222	3x2x2.5	16.9	black	163.2	291
127 1223	3x2x2.5	16.9	blue	163.2	291
127 1202	4x2x2.5	18.7	black	216.0	379
127 1203	4x2x2.5	18.7	blue	216.0	379
127 1224	5x2x2.5	20.4	black	268.8	437
127 1225	5x2x2.5	20.4	blue	268.8	437
127 1204	6x2x2.5	22.4	black	321.6	666
127 1205	6x2x2.5	22.4	blue	321.6	666
127 1206	8x2x2.5	25.4	black	427.2	847
127 1207	8x2x2.5	25.4	blue	427.2	847
127 1208	10x2x2.5	28.8	black	532.8	1,061
127 1209	10x2x2.5	28.8	blue	532.8	1,061
127 1210	12x2x2.5	30.2	black	638.4	1,249
127 1211	12x2x2.5	30.2	blue	638.4	1,249

• 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.