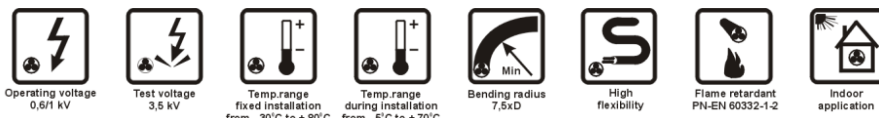


TECHNOKONTROL YKSLY-P 0,6/1 kV
TECHNOKONTROL YKSLY-P-Nr 0,6/1 kV**CONTROL AND POWER SUPPLY FLEXIBLE CABLES****APPLICATIONS**

TECHNOKONTROL YKSLY-P 0,6/1 kV and **TECHNOKONTROL YKSLY-P-Nr 0,6/1 kV** are multipair flexible cables designed for control, protection and monitoring systems or power supply, all in power engineering.

Paired structure decreases mutual influence between signals transmitted along the cable and reduces influence of outer sources of interference.

The cables are designed to offer high flexibility combined with tensile strength.

The cables are suitable for indoor installations connecting fixed and movable equipment.

Cable outer sheath is oil-resistant.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request), meeting requirements of class 5 per PN-EN 60228,
- PVC insulation - identification colour code according to PN-92/T-90321 (compatible with IEC 60189-2) in **TECHNOKONTROL YKSLY-P 0,6/1 kV** cable; black and brown PVC insulation and white pair numbers printed on it for identification in **TECHNOKONTROL YKSLY-P-Nr 0,6/1 kV** cable,
- insulated conductors twisted into pairs,
- pairs laid-up in layers into a cable core,
- cable core wrapped in polyester tape,
- black (RAL 9005) PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

TECHNOKONTROL YKSLY-P-O 0,6/1 kV and **TECHNOKONTROL YKSLY-P-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

TECHNOKONTROL YnKSLY-P 0,6/1 kV and **TECHNOKONTROL YnKSLY-P-Nr 0,6/1 kV** - cables of reduced combustibility, sheathed with special self-extinguishing PVC of high oxygen index and pass combustibility test according to PN-EN 60332-3 standard.

TECHNOKONTROL HKSLH-P 0,6/1 kV and **TECHNOKONTROL HKSLHP-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

TECHNOKONTROL YvKSLY-P 0,6/1 kV and **TECHNOKONTROL YvKSLY-P-Nr 0,6/1 kV** - cables with enhanced PVC sheath, suitable for outdoor installation and direct earth burial.

TECHNOKONTROL YKSLY-P 0,6/1 kV **TECHNOKONTROL YKSLY-P-Nr 0,6/1 kV**

CHARACTERISTICS

Conductor cross-section	mm ²	0.5	0.75	1.0	1.5	2.5
DC loop resistance at 20°C, maximum	Ω/km	78.0	52.0	39.0	26.6	16.0

Operating voltage U _o /U	0.6/1 kV	Operating temperature range	
Voltage test	3.5 kV rms	for fixed installation	from - 30 to + 80°C
Insulation resistance, minimum	20 MΩ·km	for movable installation	from - 5 to + 70°C
Conductor temperature limit		Minimum bending radius	7.5 x cable diameter
in work conditions	+ 70°C	Cable combustibility	flame retardant
at short-circuit	+ 160°C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
		Reference standards	WT-TK-17

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of pairs (x 2) x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
0290 008	2 x 2 x 0,5	9.0	19.2	82
0290 009	3 x 2 x 0,5	9.6	28.8	95
0290 010	4 x 2 x 0,5	10.7	38.4	122
0290 001	5 x 2 x 0,5	11.8	48.0	145
0290 011	6 x 2 x 0,5	13.1	57.6	175
0290 012	7 x 2 x 0,5	13.1	67.2	193
0290 013	8 x 2 x 0,5	13.9	76.8	215
0290 002	10 x 2 x 0,5	16.0	96.0	269
0290 014	12 x 2 x 0,5	16.8	115.2	309
0290 015	14 x 2 x 0,5	17.9	134.4	351
0290 016	16 x 2 x 0,5	19.4	153.6	413
0290 017	18 x 2 x 0,5	20.4	172.8	455
0290 018	20 x 2 x 0,5	21.4	192.0	497
0290 019	24 x 2 x 0,5	23.5	230.4	604
0290 020	2 x 2 x 0,75	9.7	28.8	96
0290 021	3 x 2 x 0,75	10.4	43.2	118
0290 022	4 x 2 x 0,75	11.5	57.6	146
0290 023	5 x 2 x 0,75	12.8	72.0	181
0290 024	7 x 2 x 0,75	14.0	100.8	233
0290 025	10 x 2 x 0,75	17.2	144.0	327
0290 026	12 x 2 x 0,75	18.0	172.8	376
0290 027	14 x 2 x 0,75	19.7	201.6	449
0290 028	16 x 2 x 0,75	20.8	230.4	503
0290 029	18 x 2 x 0,75	21.9	259.2	556
0290 030	2 x 2 x 1,0	10.5	38.4	119
0290 031	3 x 2 x 1,0	11.1	57.6	138

Product No.	Number of pairs (x 2) x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
0290 032	4 x 2 x 1,0	12.4	76.8	178
0290 004	5 x 2 x 1,0	13.7	96.0	214
0290 033	7 x 2 x 1,0	15.1	134.4	285
0290 034	10 x 2 x 1,0	18.3	192.0	389
0290 035	12 x 2 x 1,0	19.6	230.4	470
0290 036	14 x 2 x 1,0	21.0	268.8	537
0290 005	16 x 2 x 1,0	22.2	307.2	602
0290 037	18 x 2 x 1,0	23.8	345.6	690
0290 038	2 x 2 x 1,5	11.4	57.6	148
0290 039	3 x 2 x 1,5	12.3	86.4	180
0290 040	4 x 2 x 1,5	13.5	115.2	224
0290 041	5 x 2 x 1,5	15.1	144.0	278
0290 007	7 x 2 x 1,5	16.5	201.6	363
0290 006	10 x 2 x 1,5	20.5	288.0	520
0290 042	12 x 2 x 1,5	21.4	345.6	602
0290 043	14 x 2 x 1,5	23.3	403.2	712
0290 044	16 x 2 x 1,5	24.7	460.8	797
0290 045	2 x 2 x 2,5	13.0	96.0	201
0290 046	3 x 2 x 2,5	13.8	144.0	241
0290 047	4 x 2 x 2,5	15.5	192.0	312
0290 048	5 x 2 x 2,5	17.1	240.0	377
0290 049	7 x 2 x 2,5	19.1	336.0	517
0290 050	10 x 2 x 2,5	23.6	480.0	737
0290 051	12 x 2 x 2,5	24.7	576.0	853
0290 052	14 x 2 x 2,5	26.5	672.0	978
0290 053	16 x 2 x 2,5	28.1	768.0	1102

Other cross-sections and pair counts available on request.
TECHNOKABEL S.A. reserves the right to change specifications without prior notice.