YSL/PUR-JZ



Application

This special control-cable is an extremely robust version with high abrasion and tear resistant properties. With high-grade oil resistant PVC core insulation. Due to its high resistance to mineral oils and especially to coolant emulsions, it is especially suited for use in the machine, tool making and plant industries as well as in the steel industry for difficult and problem areas. The high flexibility of this cable type makes it quick and easy to install. Suitable for outdoor lying.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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Standards

adapted to DIN VDE 0285-525-2-51 / DIN EN 50525-2-51
self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1,
DIN EN 50363-10-2

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

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CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	special polyvinylchlorid compound (PVC) TI2 to DIN VDE 0281 part 1
Core Color	black cores with continuous white numbering according to DIN VDE 0293 green-yellow earth core in the outer layer (3 cores and above)
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Outer Insulation Material	special full-polyurethane TMPU, to DIN VDE 0282 part 10, appendix A
Constant Against	UV-radiation, oxygene, ozone and hydrolysis microbes

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Steuerleitungen
Control Cables

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	4000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	0 °C bis 0 °C
Operating Temperature moving	-5 °C bis 80 °C
Fire Classes	Eca

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Steuerleitungen
Control Cables

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00804048	OZ	2 x 0,5	grey - grey	45,0	4,8
00804016	OZ	2 x 0,75	grey - grey	47,0	5,4
00804004	OZ	2 x 1	grey - grey	62,0	5,7
00804006	JZ	2 x 1,5	grey - grey	69,0	6,5
00804035	OZ	2 x 2,5	grey - grey	110,0	7,8
00804033	JZ	3 x 0,5	grey - grey	55,0	5,1
00804024	JZ	3 x 0,75	grey - grey	53,0	5,7
00804022	JZ	3 x 1	grey - grey	64,0	6,0
00804095	OZ	3 x 1	grey - grey	64,0	6,0
00804034	JZ	3 x 1,5	grey - grey	89,0	6,6
00804015	JZ	3 x 2,5	grey - grey	150,0	8,3
00804062	JZ	3 x 4	grey - grey	228,0	10,4
00804064	JZ	3 x 6	grey - grey	362,0	12,1
00804162		3 x 6		362,0	12,1
00804066	JZ	3 x 10	grey - grey	555,0	15,2
00804044	JZ	4 x 0,5	grey - grey	65,0	5,7
00804180	OZ	4 x 0,75	grey - grey	68,0	6,2
00804002	JZ	4 x 0,75	grey - grey	68,0	6,2
00804025	JZ	4 x 1	grey - grey	75,0	6,6
00804023	JZ	4 x 1,5	grey - grey	111,0	7,2
00804047	JZ	4 x 2,5	grey - grey	183,0	9,2
00804063	JZ	4 x 4	grey - grey	291,0	11,4
00804065	JZ	4 x 6	grey - grey	468,0	13,4
00804067	JZ	4 x 10	grey - grey	720,0	16,9

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00804070	JZ	4 x 16	grey - grey	1.063,0	19,8
00804073	JZ	4 x 25	grey - grey	1.590,0	29,4
00804074	JZ	4 x 35	grey - grey	2.200,0	32,8
00804049	JZ	5 x 0,5	grey - grey	75,0	6,2
00804032	JZ	5 x 0,75	grey - grey	101,0	6,8
00804046	JZ	5 x 1	grey - grey	89,0	7,1
00804008	JZ	5 x 1,5	grey - grey	144,0	8,0
00804013	JZ	5 x 2,5	grey - grey	233,0	10,1
00804026	JZ	5 x 4	grey - grey	388,0	12,7
00804027	JZ	5 x 6	grey - grey	504,0	14,9
00804068	JZ	5 x 10	grey - grey	894,0	18,7
00804071	JZ	5 x 16	grey - grey	1.400,0	22,2
00804050	JZ	7 x 0,5	grey - grey	90,0	7,2
00804028	JZ	7 x 0,75	grey - grey	107,0	8,1
00804041	JZ	7 x 1	grey - grey	115,0	8,6
00804018	JZ	7 x 1,5	grey - grey	182,0	9,6
00804020	JZ	7 x 2,5	grey - grey	283,0	12,3
00804039	JZ	7 x 4	grey - grey	503,0	14,0
00804045	JZ	7 x 6	grey - grey	808,0	16,5
00804052	JZ	10 x 0,5	grey - grey	120,0	8,8
00804184	JZ	10 x 0,75	grey - grey	140,0	9,2
00804053	JZ	12 x 0,5	grey - grey	135,0	9,1
00804058	JZ	12 x 0,75	grey - grey	170,0	9,9
00804036	JZ	12 x 1	grey - grey	201,0	10,7

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00804017	JZ	12 x 1,5	grey - grey	296,0	12,0
00804029	JZ	12 x 2,5	grey - grey	512,0	15,3
00804055	JZ	18 x 0,5	grey - grey	205,0	10,7
00804081	JZ	18 x 0,75	grey - grey	260,0	11,9
00804037	JZ	18 x 1	grey - grey	289,0	12,9
00804031	JZ	18 x 1,5	grey - grey	410,0	14,1
00804078	JZ	18 x 2,5	grey - grey	740,0	18,2
00804056	JZ	21 x 0,5	grey - grey	225,0	12,0
00804057	JZ	25 x 0,5	grey - grey	270,0	13,2
00804059	JZ	25 x 0,75	grey - grey	282,0	14,5
00804040	JZ	25 x 1	grey - grey	380,0	14,9
00804030	JZ	25 x 1,5	grey - grey	571,0	16,8
00804060	JZ	25 x 2,5	grey - grey	940,0	22,3
00804038	JZ	34 x 0,75	grey - grey	475,0	16,3
00804102	JZ	34 x 1	grey - grey	645,0	17,4
00804091	JZ	34 x 1,5	grey - grey	945,0	19,5
00804093	JZ	42 x 1	grey - grey	730,0	18,8

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