YSLC/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 laying. The dense screening assures interference-free transmission of all signals and impulses.

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

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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Steuerleitungen
Control Cables

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
Overall Shielding	braid shield copper tinned
Outer Insulation Material	special full-polyurethane TMPU, to DIN VDE 0282 part 10, appendix A
Constant Against	UV-radiation, oxygene, ozone and hydrolysis microbes

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	3000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
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.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00816007	2 x 0,5	grey - grey	44,0	5,4
00816016	2 x 0,75	grey - grey	60,0	5,9
00816027	2 x 1	grey - grey	66,0	6,6
00816041	2 x 1,5	grey - grey	87,0	7,1
00816008	3 x 0,5	grey - grey	56,0	5,9
00816017	3 x 0,75	grey - grey	67,0	6,2
00816028	3 x 1	grey - grey	82,0	7,0
00816002	3 x 1,5	grey - grey	102,0	7,2
00816050	3 x 2,5	grey - grey	168,0	9,3
00816058	3 x 4	grey - grey	243,0	11,2
00816009	4 x 0,5	grey - grey	60,0	6,3
00816018	4 x 0,75	grey - grey	76,0	6,7
00816029	4 x 1	grey - grey	100,0	7,6
00816003	4 x 1,5	grey - grey	127,0	8,0
00816051	4 x 2,5	grey - grey	194,0	10,3
00816059	4 x 4	grey - grey	310,0	12,5
00816062	4 x 6	grey - grey	414,0	14,7
00816068	5 x 0,5	grey - grey	70,0	6,8
00816019	5 x 0,75	grey - grey	92,0	7,3
00816030	5 x 1	grey - grey	128,0	8,2
00816042	5 x 1,5	grey - grey	159,0	9,0
00816052	5 x 2,5	grey - grey	222,0	11,5
00816063	5 x 6	grey - grey	510,0	16,0
00816001	7 x 0,5	grey - grey	97,0	7,5

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00816020	7 x 0,75	grey - grey	131,0	8,7
00816032	7 x 1	grey - grey	157,0	9,6
00816004	7 x 1,5	grey - grey	207,0	10,5
00816053	7 x 2,5	grey - grey	345,0	13,4
00816021	10 x 0,75	grey - grey	180,0	10,5
00816022	12 x 0,75	grey - grey	204,0	11,0
00816035	12 x 1	grey - grey	262,0	12,0
00816006	12 x 1,5	grey - grey	340,0	13,4
00816013	18 x 0,5	grey - grey	218,0	11,5
00816024	18 x 0,75	grey - grey	290,0	12,6
00816038	18 x 1	grey - grey	381,0	14,5
00816047	18 x 1,5	grey - grey	480,0	16,0
00816026	25 x 0,75	grey - grey	413,0	15,2
00816040	25 x 1	grey - grey	535,0	17,6
00816005	25 x 1,5	grey - grey	704,0	20,5
00816071	34 x 1,5	grey - grey	870,0	21,2
00816067	41 x 1	grey - grey	855,0	19,3

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