YSLYQY-JZ



Application

This cables are used as measuring and control cables in tool machinery, plant installation, power stations and in data equipment. The braided screen offers best possible protection against mechanical damage. The galvanized coating on the steel wire braiding not only helps protect against corrosion, but also notably improves the soldering performance. The clear transparent outer sheath gives the cable in addition an optical revaluation.

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

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Standards

adapted to DIN VDE 0245, 0285-525-2-31, 0293-308, 0295 self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

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	polyvinylchlorid compound (PVC)
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
Inner Sheath Material	polyvinylchlorid compound (PVC)
Overall Shielding	mech. Schutz durch Geflecht aus verzinktem Stahldraht
Outer Insulation Material	special PVC
Constant Against	extensively oil resistant

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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)	15
Bending Radius fixed (xD)	6
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.
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.
00903087	OZ	2 x 0,75	tranparent - tranparent	73,0	9,5
00903088	OZ	2 x 1	tranparent - tranparent	101,0	9,9
00903089	OZ	2 x 1,5	tranparent - tranparent	117,0	10,7
00903090	O	2 x 2,5	tranparent - tranparent	156,0	12,1
00903142	OZ	2 x 4	tranparent - tranparent	195,0	11,0
00903144	OB	2 x 4	black - black	195,0	11,0
00903001	JZ	3 x 0,5	tranparent - tranparent	86,0	9,2
00903013	JZ	3 x 0,75	tranparent - tranparent	86,0	9,8
00903141	JB	3 x 0,75	tranparent - tranparent	86,0	9,8
00903029	JZ	3 x 1	tranparent - tranparent	112,0	10,3
00903124	JB	3 x 1	tranparent - tranparent	112,0	10,3
00903039	JZ	3 x 1,5	tranparent - tranparent	137,0	11,1
00903113	JB	3 x 1,5	tranparent - tranparent	137,0	11,1
00903056	JZ	3 x 2,5	tranparent - tranparent	191,0	12,6
00903115	JB	3 x 2,5	tranparent - tranparent	191,0	12,6
00903122	JZ	3 x 4	tranparent - tranparent	270,0	14,0
00903002	JZ	4 x 0,5	tranparent - tranparent	100,0	9,7
00903015	JZ	4 x 0,75	tranparent - tranparent	98,0	10,4
00903030	JZ	4 x 1	tranparent - tranparent	127,0	10,9
00903041	JZ	4 x 1,5	tranparent - tranparent	167,0	11,8
00903114	JB	4 x 1,5	tranparent - tranparent	167,0	11,8
00903057	JZ	4 x 2,5	tranparent - tranparent	224,0	13,5
00903103	JB	4 x 2,5	tranparent - tranparent	224,0	13,5
00903065	JZ	4 x 4	tranparent - tranparent	318,0	16,1

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00903112	JB	4 x 4	tranparent - tranparent	318,0	16,1
00903069	JB	4 x 6	tranparent - tranparent	440,0	18,8
00903117	JZ	4 x 6	tranparent - tranparent	440,0	18,8
00903073	JZ	4 x 10	tranparent - tranparent	699,0	23,2
00903111	JB	4 x 10	tranparent - tranparent	699,0	23,2
00903077	JZ	4 x 16	tranparent - tranparent	1.067,0	25,9
00903126	JB	4 x 16	tranparent - tranparent	1.067,0	25,9
00903080	JZ	4 x 25	tranparent - tranparent	1.350,0	32,2
00903094	JB	4 x 25	tranparent - tranparent	1.350,0	32,2
00903082	JZ	4 x 35	tranparent - tranparent	1.839,0	36,0
00903095	JB	4 x 35	tranparent - tranparent	1.839,0	36,0
00903100	JB	4 x 50	tranparent - tranparent	2.605,0	43,0
00903101	JB	4 x 70	tranparent - tranparent	3.453,0	47,0
00903116	JB	4 x 95	tranparent - tranparent	4.544,0	59,0
00903003	JZ	5 x 0,5	tranparent - tranparent	116,0	10,2
00903017	JZ	5 x 0,75	tranparent - tranparent	130,0	11,0
00903031	JZ	5 x 1	tranparent - tranparent	153,0	11,6
00903043	JZ	5 x 1,5	tranparent - tranparent	193,0	12,7
00903059	JZ	5 x 2,5	tranparent - tranparent	275,0	14,6
00903135	JB	5 x 2,5	tranparent - tranparent	275,0	14,6
00903067	JZ	5 x 4	tranparent - tranparent	392,0	17,8
00903134	JB	5 x 4	tranparent - tranparent	392,0	17,8
00903071	JZ	5 x 6	tranparent - tranparent	545,0	20,3
00903136	JB	5 x 6	tranparent - tranparent	545,0	20,3

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00903075	JZ	5 x 10	tranparent - tranparent	850,0	25,2
00903133	JB	5 x 10	tranparent - tranparent	850,0	25,2
00903078	JZ	5 x 16	tranparent - tranparent	1.270,0	29,0
00903132	JB	5 x 16	tranparent - tranparent	1.270,0	29,0
00903081	JZ	5 x 25	tranparent - tranparent	1.670,0	36,0
00903128	JB	5 x 25	tranparent - tranparent	1.670,0	36,0
00903083	JZ	5 x 35	tranparent - tranparent	2.197,0	39,0
00903120	JB	5 x 35	tranparent - tranparent	2.197,0	39,0
00903119	JB	5 x 50	tranparent - tranparent	3.800,0	43,2
00903104	JB	5 x 70	tranparent - tranparent	5.100,0	52,3
00903004	JZ	7 x 0,5	tranparent - tranparent	134,0	10,8
00903019	JZ	7 x 0,75	tranparent - tranparent	168,0	11,7
00903032	JZ	7 x 1	tranparent - tranparent	188,0	12,3
00903044	JZ	7 x 1,5	tranparent - tranparent	228,0	13,5
00903060	JZ	7 x 2,5	tranparent - tranparent	329,0	16,0
00903068	JZ	7 x 4	tranparent - tranparent	486,0	19,5
00903072	JZ	7 x 6	tranparent - tranparent	668,0	22,7
00903076	JZ	7 x 10	tranparent - tranparent	1.000,0	28,5
00903079	JZ	7 x 16	tranparent - tranparent	1.520,0	31,3
00903123	JZ	8 x 1,5	tranparent - tranparent	253,0	13,6
00903006	JZ	12 x 0,5	tranparent - tranparent	204,0	13,0
00903021	JZ	12 x 0,75	tranparent - tranparent	252,0	14,2
00903033	JZ	12 x 1	tranparent - tranparent	285,0	15,1
00903047	JZ	12 x 1,5	tranparent - tranparent	378,0	17,5

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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.
00903062	JZ	12 x 2,5	tranparent - tranparent	532,0	20,8
00903093	JZ	14 x 1	tranparent - tranparent	325,0	16,1
00903125	JZ	14 x 1,5	tranparent - tranparent	428,0	15,7
00903118	JZ	18 x 0,5	tranparent - tranparent	266,0	13,5
00903022	JZ	18 x 0,75	tranparent - tranparent	330,0	16,5
00903034	JZ	18 x 1	tranparent - tranparent	400,0	17,9
00903049	JZ	18 x 1,5	tranparent - tranparent	480,0	20,3
00903063	JZ	18 x 2,5	tranparent - tranparent	742,0	24,6
00903023	JZ	21 x 0,75	tranparent - tranparent	378,0	17,4
00903010	JZ	25 x 0,5	tranparent - tranparent	345,0	18,5
00903024	JZ	25 x 0,75	tranparent - tranparent	435,0	19,8
00903035	JZ	25 x 1	tranparent - tranparent	520,0	21,1
00903051	JZ	25 x 1,5	tranparent - tranparent	685,0	24,3
00903064	JZ	25 x 2,5	tranparent - tranparent	1.030,0	29,4
00903037	JZ	34 x 1	tranparent - tranparent	700,0	23,9
00903053	JZ	34 x 1,5	tranparent - tranparent	870,0	23,2
00903139	JZ	41 x 1	tranparent - tranparent	993,0	22,2
00903055	JZ	50 x 1,5	tranparent - tranparent	1.270,0	31,4
00903129	JZ	61 x 0,5	tranparent - tranparent	742,0	22,9

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