YSLY-OZ



Application

These cables are used for flexible use for medium mechanical stresses with free movement, without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, as measuring and control cables in tool machines, conveyor belts, production lines in machinery production, in air conditioning and in steel production.

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

Standards

adapted to DIN VDE 0245, 0285-525-2-31, 0293-308, 0295

The cable complies with:
REACH Regulation EC 1907/2006
RoHS Directive 2011/65/EU, (EU) 2015/863

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

Construction

Inner Conductor	bare copper fine-stranded acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	polyvinyl chloride (PVC)
Core Color	black cores with continuous white numbering
Stranding Elements	cores stranded in layers with optimal laylength
Outer Insulation Material	polyvinyl chloride (PVC)
Constant Against	extensively oil resistant

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 413 /825 V
Test Voltage	2500 V
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	6
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °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.
00901110	OZ	2 x 0,5	grey - grey	32,0	4,8
00901117	OZ	2 x 0,75	grey - grey	40,0	5,2
00901394	OZ	2 x 1	grey - grey	47,0	5,5
00901129	OZ	2 x 1,5	grey - grey	63,0	6,3
00901134	OZ	2 x 2,5	grey - grey	95,0	7,5
00901140	OZ	2 x 4	grey - grey	160,0	9,3
00901141	OZ	2 x 6	grey - grey	210,0	11,0
00901282	OZ	2 x 10	grey - grey	270,0	12,0
00901111	OZ	3 x 0,5	grey - grey	41,0	5,1
00901396	OZ	3 x 0,75	grey - grey	53,0	5,5
00901125	OZ	3 x 1	grey - grey	61,0	6,0
00901130	OZ	3 x 1,5	grey - grey	80,0	6,8
00901135	OZ	3 x 2,5	grey - grey	122,0	8,1
00901112	OZ	4 x 0,5	grey - grey	44,0	5,7
00901119	OZ	4 x 0,75	grey - grey	61,0	6,2
00901126	OZ	4 x 1	grey - grey	75,0	6,3
00901131	OZ	4 x 1,5	grey - grey	97,0	7,4
00901136	OZ	4 x 2,5	grey - grey	152,0	8,9
00901223	OZ	4 x 4	grey - grey	227,0	10,6
00901226	OZ	4 x 6	grey - grey	334,0	12,9
00901229	OZ	4 x 10	grey - grey	529,0	15,6
00901232	OZ	4 x 16	grey - grey	848,0	19,3
00901113	OZ	5 x 0,5	grey - grey	53,0	6,2
00901120	OZ	5 x 0,75	grey - grey	67,0	6,8

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00901127	OZ	5 x 1	grey - grey	95,0	7,1
00901132	OZ	5 x 1,5	grey - grey	119,0	8,4
00901137	OZ	5 x 2,5	grey - grey	175,0	9,9
00901398	OZ	5 x 4	grey - grey	271,0	11,6
00901227	OZ	5 x 6	grey - grey	403,0	14,1
00901230	OZ	5 x 10	grey - grey	668,0	17,7
00901408	OZ	6 x 0,5	grey - grey	65,0	6,7
00901350	OZ	6 x 0,75	grey - grey	43,0	7,5
00901114	OZ	7 x 0,5	grey - grey	72,0	6,7
00901121	OZ	7 x 0,75	grey - grey	95,0	7,3
00901128	OZ	7 x 1	grey - grey	124,0	7,7
00901133	OZ	7 x 1,5	grey - grey	147,0	9,1
00901138	OZ	7 x 2,5	grey - grey	235,0	11,3
00901225	OZ	7 x 4	grey - grey	388,0	13,0
00901228	OZ	7 x 6	grey - grey	493,0	16,7
00901231	OZ	7 x 10	grey - grey	943,0	21,3
00901234	OZ	7 x 16	grey - grey	1.387,0	26,0
00901237	OZ	7 x 25	grey - grey	2.099,0	28,6
00901384	OZ	8 x 0,75	grey - grey	98,0	9,5
00901190	OZ	8 x 1	grey - grey	130,0	7,9
00901202	OZ	8 x 1,5	grey - grey	178,0	10,0
00901191	OZ	9 x 1	grey - grey	145,0	9,8
00901204	OZ	9 x 1,5	grey - grey	206,0	10,4
00901115	OZ	10 x 0,5	grey - grey	96,0	8,9

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00901122	OZ	10 x 0,75	grey - grey	130,0	10,6
00901192	OZ	10 x 1	grey - grey	153,0	10,1
00901205	OZ	10 x 1,5	grey - grey	206,0	11,1
00901217	OZ	10 x 2,5	grey - grey	355,0	14,1
00901116	OZ	12 x 0,5	grey - grey	111,0	9,0
00901123	OZ	12 x 0,75	grey - grey	148,0	10,8
00901171	OZ	12 x 1	grey - grey	188,0	10,8
00901206	OZ	12 x 1,5	grey - grey	246,0	11,7
00901139	OZ	12 x 2,5	grey - grey	381,0	14,8
00901173	OZ	14 x 0,5	grey - grey	131,0	9,4
00901193	OZ	14 x 1	grey - grey	201,0	11,3
00901207	OZ	14 x 1,5	grey - grey	285,0	12,3
00901174	OZ	16 x 0,5	grey - grey	145,0	10,0
00901189	OZ	16 x 0,75	grey - grey	200,0	11,6
00901194	OZ	16 x 1	grey - grey	235,0	11,9
00901208	OZ	16 x 1,5	grey - grey	323,0	13,3
00901218	OZ	16 x 2,5	grey - grey	484,0	17,0
00901175	OZ	18 x 0,5	grey - grey	162,0	11,7
00901181	OZ	18 x 0,75	grey - grey	210,0	11,6
00901195	OZ	18 x 1	grey - grey	263,0	12,5
00901209	OZ	18 x 1,5	grey - grey	357,0	14,0
00901219	OZ	18 x 2,5	grey - grey	558,0	18,0
00901176	OZ	21 x 0,5	grey - grey	192,0	11,8
00901182	OZ	21 x 0,75	grey - grey	257,0	13,1

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00901196	OZ	21 x 1	grey - grey	444,0	14,0
00901210	OZ	21 x 1,5	grey - grey	419,0	15,4
00901177	OZ	25 x 0,5	grey - grey	222,0	12,4
00901183	OZ	25 x 0,75	grey - grey	294,0	14,2
00901197	OZ	25 x 1	grey - grey	353,0	14,8
00901211	OZ	25 x 1,5	grey - grey	506,0	16,8
00901220	OZ	25 x 2,5	grey - grey	787,0	20,9
00901172	OZ	30 x 0,5	grey - grey	262,0	13,4
00901198	OZ	30 x 1	grey - grey	380,0	15,0
00901212	OZ	32 x 1,5	grey - grey	626,0	18,5
00901184	OZ	34 x 0,75	grey - grey	386,0	15,8
00901199	OZ	34 x 1	grey - grey	465,0	16,5
00901213	OZ	34 x 1,5	grey - grey	664,0	18,9
00901221	OZ	34 x 2,5	grey - grey	1.200,0	25,0
00901178	OZ	40 x 0,5	grey - grey	342,0	15,4
00901200	OZ	40 x 1	grey - grey	581,0	18,3
00901185	OZ	41 x 0,75	grey - grey	445,0	16,5
00901214	OZ	42 x 1,5	grey - grey	833,0	20,5
00901179	OZ	50 x 0,5	grey - grey	435,0	17,4
00901186	OZ	50 x 0,75	grey - grey	600,0	19,6
00901201	OZ	50 x 1	grey - grey	686,0	21,1
00901215	OZ	50 x 1,5	grey - grey	947,0	22,8
00901180	OZ	61 x 0,5	grey - grey	514,0	18,5
00901187	OZ	61 x 0,75	grey - grey	684,0	20,8

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00901216	OZ	61 x 1,5	grey - grey	1.171,0	25,1

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