YSLYCY-OZ 0,6/1kV



Application

Wiring cable for measuring and controlling purposes in tool machinery, conveyor belts and production lines, for plant installations, air conditioning and in steel production plants and rolling mills. Suitable for installation for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms as well as outside (fixed installation). Is not suitable to be used as direct burrial- or as underwater cable. Mainly used in South-European, Eastern and Arabian countries. Interference- free transmission of signals and pulses is assured by the high degree of screening.

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

Standards

Adapted to DIN VDE 0262/12.95 and DIN EN 50525-2-51 VDE 0285-525-2-51:2012-01,
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.

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
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Inner Sheath Material	special PVC inner sheath, TM2 to DIN VDE 0281 part 1
Overall Shielding	braid shield copper tinned
Outer Insulation Material	special PVC type TM2 to DIN VDE 0281 part 1
Constant Against	extensively oil resistant

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Steuerleitungen
Control Cables

Technical Data

Nominal Voltage	U_0/U: 600 /1000 V
Nominal Volatage DC	U_0/U: 900 /1800 V
Test Voltage	4000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
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.
00927084	OZ	1 x 25	black - black	486,0	13,6
00927113	OZ	1 x 50	black - black	652,0	16,5
00927112	OZ	1 x 70	black - black	910,0	19,0
00927086	OZ	1 x 95	black - black	1.395,0	20,1
00927085	OZ	1 x 120	black - black	1.770,0	23,0
00927114	OZ	1 x 150	black - black	1.930,0	24,3
00927115	OZ	1 x 185	black - black	2.430,0	27,8
00927081	OZ	1 x 240	black - black	2.986,0	32,2
00927019	OZ	2 x 0,5	black - black	97,0	8,3
00927018	OZ	2 x 0,75	black - black	112,0	8,7
00927006	OZ	2 x 1	black - black	121,0	9,4
00927003	OZ	2 x 1,5	black - black	148,0	10,2
00927033	OZ	2 x 2,5	black - black	226,0	11,5
00927102	OB	2 x 4	black - black	145,0	14,3
00927041	OZ	2 x 4	black - black	145,0	14,3
00927047	OZ	2 x 6	black - black	290,0	16,0
00927052	OZ	2 x 10	black - black	380,0	17,5
00927100	OB	2 x 10	black - black	380,0	17,5
00927057	OZ	2 x 16	black - black	820,0	21,0
00927103	OB	2 x 16	black - black	820,0	21,0
00927133	OB*	2 x 16	black - black	820,0	21,0
00927107	OB	2 x 25	black - black	1.150,0	24,0
00927087	OZ	3 x 1	black - black	142,0	9,8
00927092	OZ	3 x 1,5	black - black	182,0	10,9

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Steuerleitungen
Control Cables

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00927101	OZ	4 x 0,5	black - black	127,0	9,4
00927106	OZ	4 x 0,75	black - black	138,0	9,9
00927088	OZ	4 x 1	black - black	156,0	10,8
00927093	OZ	4 x 1,5	black - black	193,0	12,2
00927089	OZ	5 x 1	black - black	184,0	11,4
00927094	OZ	5 x 1,5	black - black	208,0	13,3
00927090	OZ	7 x 1	black - black	225,0	14,5
00927095	OZ	7 x 1,5	black - black	256,0	16,0
00927091	OZ	12 x 1	black - black	339,0	17,4
00927096	OZ	12 x 1,5	black - black	436,0	19,6
00927160	OZ	25 x 1,5	black - black	763,0	28,2

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