YSLYCY-JB



Application

For use as a data cable in control circuits, in tool-making and machine industries as well as a signal cable in computer systems and electronics. The more usual PVC inner sheath has been replaced in these cables by a stabilising foil separator, thus reducing the total diameter of the cables considerably and thereby reducing the bending radius, total weight etc. The high covering percentage of the copper screening offers interference-free signal transfer etc. The dense screening assures disturbance-free transmission of all signals and impulses. An ideal disturbance-free control cable for the above application.

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,
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	polyvinylchlorid compound (PVC)
Core Color	acc. to HD 308 S2
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Inner Sheath Material	Polyvinylchlorid (PVC)
Overall Shielding	braid shield copper tinned
Outer Insulation Material	special PVC transparent
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: 413 /825 V
Test Voltage	2500 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	0
Operating Temperature solid	-40 °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.
00905053	JB	3 x 1,5	tranparent - tranparent	172,0	10,5
00927136	JB	3 x 2,5	grey - grey	230,0	11,5
00905039	JB	3 x 2,5	tranparent - tranparent	230,0	11,5
00905063	JB	4 x 1,5	tranparent - tranparent	197,0	10,8
00905074	JB	4 x 2,5	tranparent - tranparent	300,0	13,1
00905080	JB	4 x 4	tranparent - tranparent	410,0	14,0
00905059	JB	4 x 6	tranparent - tranparent	560,0	15,6
00905141	JB	4 x 10	grey - grey	920,0	21,2
00905060	JB	4 x 10	tranparent - tranparent	920,0	21,2
00905081	JB	4 x 16	tranparent - tranparent	1.120,0	24,0
00927139	JB	4 x 16	grey - grey	1.120,0	24,0
00905040	JB	4 x 25	grey - grey	1.994,0	29,0
00905054	JB	4 x 25	tranparent - tranparent	1.994,0	29,0
00905046	JB	4 x 35	tranparent - tranparent	2.042,0	32,0
00905127	JB	4 x 35	grey - grey	2.042,0	32,0
00905033	JB	4 x 50	tranparent - tranparent	2.822,0	38,0
00905056	JB	4 x 50	grey - grey	2.822,0	38,0
00905034	JB	4 x 70	tranparent - tranparent	3.802,0	44,0
00905140	JB	4 x 70	grey - grey	3.802,0	44,0
00905035	JB	4 x 95	tranparent - tranparent	5.003,0	50,0
00905125	JB	4 x 95	grey - grey	5.003,0	50,0
00927153	JB	4 x 120	tranparent - tranparent	6.200,0	56,0
00905036	JB	4 x 120	grey - grey	6.200,0	56,0
00905094	JB	4 x 150	tranparent - tranparent	9.340,0	63,5

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Steuerleitungen
Control Cables

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00905098	JB	4 x 185	tranparent - tranparent	11.200,0	68,0
00905049	JB	5 x 2,5	tranparent - tranparent	320,0	13,5
00905082	JB	5 x 4	tranparent - tranparent	502,0	14,8
00905084	JB	5 x 6	tranparent - tranparent	750,0	17,0
00905045	JB	5 x 10	tranparent - tranparent	892,0	22,5
00905068	JB	5 x 16	tranparent - tranparent	1.325,0	25,2
00905096	JB	5 x 25	tranparent - tranparent	2.310,0	31,5
00927142	JB	5 x 35	tranparent - tranparent	2.885,0	38,2

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