YSLYCY-OZ

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	black cores with continuous white numbering
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Inner Sheath Material	polyvinylchlorid compound (PVC)
Overall Shielding	braid shield copper tinned
Outer Insulation Material	polyvinylchlorid compound (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: 0 /0
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.
00905014	OZ	2 x 0,5	tranparent - tranparent	90,0	6,9
00905013	OZ	2 x 0,5	grey - grey	90,0	6,9
00905020	OZ	2 x 0,75	tranparent - tranparent	100,0	8,0
00905027	OZ	2 x 0,75	grey - grey	100,0	8,0
00905025	OZ	2 x 1	tranparent - tranparent	126,0	9,0
00905153	OZ	2 x 1	grey - grey	126,0	9,0
00905026	OZ	2 x 1,5	tranparent - tranparent	97,0	8,5
00905162	OZ	2 x 1,5	grey - grey	97,0	8,5
00905087	OZ	2 x 2,5	tranparent - tranparent	175,0	10,0
00905089	OZ	2 x 4	grey - grey	302,0	11,6

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