# Steuerleitungen **Control Cables**



# 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 cores stranded in layers with Stranding **Elements** optimalbr>lay-length polyvinylchlorid compound (PVC) **Inner Sheath Material Overall Shielding** braid shield copper tinned **Outer Insulation** polyvinylchlorid compound (PVC), Material transparent **Constant Against** extensively oil resistant

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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	polyvinylchlorid compound (PVC),
Material	transparent
<b>Constant Against</b>	extensively oil resistant

# Steuerleitungen Control Cables



# **Technical Data**

Nominal Voltage	U <sub>0</sub> /U: 300 /500 V
Nominal Volatage DC	U <sub>0</sub> /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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Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) Weight (kg/km)	Outer-Diameter (mm) Outer-Diameter (mm)
00905014	OZ	2 x 0,5	transparentně - tranparent	90.0	6.9
00905013	OZ	2 x 0,5	šedá - grey	90.0	6.9
00905020	OZ	2 x 0,75	transparentně - tranparent	100.0	8.0
00905027	OZ	2 x 0,75	šedá - grey	100.0	8.0
00905025	OZ	2 x 1	transparentně - tranparent	126.0	9.0
00905153	OZ	2 x 1	šedá - grey	126.0	9.0
00905026	OZ	2 x 1,5	transparentně - tranparent	97.0	8.5
00905162	OZ	2 x 1,5	šedá - grey	97.0	8.5
00905087	OZ	2 x 2,5	transparentně - tranparent	175.0	10.0
00905089	OZ	2 x 4	šedá - grey	302.0	11.6