YSLY-OZ EB



Application

For hazardous areas the cables with special marking (blue) (hazard type-i-) used as flexible control and measuring cables to meet the requirements for the installation of electrical apparatus. These installations are not earthed and require a separate
power circuit. Those cables are not suitable for underground laying.

Mutual capacitance core/core at 800 Hz, approx. 120 pF/m
Inductance approx. 0.68 mH/km

Standards

in alignment with DIN VDE 0285-525-2-51 / DIN EN 50525-2-51

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

Construction

Inner Conductor	Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
Core Insulation	polyvinylchloride (PVC)
Core Color	acc. to DIN VDE 0293-334, black cores with consecutive labeling in white digits
Stranding Elements	Cores stranded in layers with optimal lay lengths
Outer Insulation Material	polyvinylchloride (PVC), blue (RAL 5015)
Constant Against	UV radiation, largely resistant to oil

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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	3000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 80 °C
Operating Temperature moving	-15 °C bis 80 °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.
00912010	OZ	2 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	59,0	6,6
00912018	OZ	2 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	62,0	6,6
00912020	OZ	2 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	80,0	7,4
00912011	OZ	3 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	70,0	7,0
00912035	OZ	3 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	72,0	6,0
00912021	OZ	3 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	106,0	8,3
00912039	OZ	3 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	122,0	8,1
00912012	OZ	4 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	84,0	7,6
00912034	OZ	4 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	86,0	6,6
00912022	OZ	4 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	127,0	9,0
00912013	OZ	5 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	110,0	8,7
00912031	OZ	5 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	105,0	7,2
00912023	OZ	5 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	156,0	9,8
00912014	OZ	7 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	116,0	8,4
00912032	OZ	7 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	141,0	8,6
00912024	OZ	7 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	229,0	11,9
00912029	OZ	8 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	132,0	9,2
00912025	OZ	12 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	180,0	12,8
00912033	OZ	12 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	230,0	10,7
00912030	OZ	12 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	326,0	14,0
00912036	OZ	18 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	257,0	11,3
00912027	OZ	18 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	332,0	14,0
00912037	OZ	18 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	492,0	17,5
00912015	OZ	25 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	397,0	16,6

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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.
00912028	OZ	25 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	464,0	17,4
00912026	OZ	25 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	674,0	20,9

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