YSLCY-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.

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

Capacity:
core / core : appr. 150 nF/km and core / screen : app. 200 nF/km

Inductivity: approx. 0,65 mH/km

Standards

acc. to DIN VDE 0245, 0285-525-2-31, 0293-308, 0295, IEC 60079-14 Abschnitt 12.2.2 (VDE 0165 Teil 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 numbers printed
Stranding Elements	cores stranded in layers with optimal laylength
Shielding	Kupfergeflecht, verzinnt
Overall Shielding	braid shield copper tinned
Outer Insulation Material	polyvinylchlorid compound (PVC)
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	3000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
Operating Temperature solid	-40 °C bis 80 °C
Operating Temperature moving	-5 °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.
00913050	OZ	2 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	36,0	5,6
00913005	OZ	2 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	56,0	6,7
00913019	OZ	2 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	65,0	6,4
00913013	OZ	2 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	97,0	8,5
00913006	OZ	3 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	70,0	7,0
00913021	OZ	3 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	81,0	6,5
00913014	OZ	3 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	125,0	8,9
00913035	OZ	3 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	150,0	9,4
00913007	OZ	4 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	95,0	7,6
00913028	OZ	4 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	98,0	7,1
00913015	OZ	4 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	165,0	9,7
00913008	OZ	5 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	130,0	8,2
00913022	OZ	5 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	127,0	7,6
00913016	OZ	5 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	193,0	10,7
00913009	OZ	7 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	168,0	9,5
00913029	OZ	7 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	158,0	9,1
00913017	OZ	7 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	245,0	11,5
00913026	OZ	8 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	145,0	9,4
00913010	OZ	12 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	232,0	12,0
00913031	OZ	12 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	260,0	11,2
00913020	OZ	12 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	354,0	16,2
00913024	OZ	18 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	292,0	12,4
00913025	OZ	18 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	380,0	13,2
00913027	OZ	18 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	479,0	15,2

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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.
00913012	OZ	25 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	415,0	15,3
00913030	OZ	25 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	534,0	16,2
00913018	OZ	25 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	734,0	20,3
00913046	OZ	30 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	486,0	15,8
00913032	OZ	34 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	523,0	16,9
00913023	OZ	34 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	741,0	20,0
00913049	OZ	34 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	900,0	20,8
00913048	OZ	41 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	680,0	18,6

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