



Flexible control cables - YSLY/EB
intrinsic safety blue outer jacket



Technical attributes

Standards	according to DIN VDE 0281
Conductor material	Cu, bare
Conductor type	cable blanc, fine stranded
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	PVC
Core structure	stranded
Core colours	DIN VDE 0293 black, number-coded, without GN/YE-protection conductor
Outer sheath	PVC
Outer sheath colour	blue
Temperature range min., mobile operation	-5 °C
Temperature range max., mobile operation	+80 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+80 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	4000 V
Insulation resistance	20 mind. MΩ x km
Minimum bending radius mobile operation	7,5 x cable-Ø
oil-resistant	extensively
RoHS-compliant	yes

Description

Power control cable for hazardous areas with special blue marking of the outer sheath is prescribed by VDE. Used in intrinsically safe equipment, i.e. equipment with independent power circuit 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. Suitable for use in dry or moist rooms but not suitable for laying below ground. Extensively oil-resistant.

Note

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Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00104003	YSLY/EB-OZ 2 x 0,75 bu RAL5015	46,00	14,40	5,50	RAL 5015 blue
00104004	YSLY/EB-OZ 3 x 0,75 bu RAL5015	54,00	21,60	5,80	RAL 5015 blue
00104033	YSLY/EB-JZ 3 x 0,75 bu RAL5015	54,00	21,60	5,80	RAL 5015 blue
00104034	YSLY/EB-OB 3 x 0,75 bu RAL5015	54,00	21,60	5,80	RAL 5015 blue



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00104005	YSLY/EB-OZ 4 x 0,75 bu RAL5015	66,00	29,00	6,60	RAL 5015 blue
00104035	YSLY/EB-JZ 4 x 0,75 bu RAL5015	66,00	29,00	6,60	RAL 5015 blue
00104006	YSLY/EB-JZ 5 x 0,75 bu RAL5015	80,00	36,00	7,50	RAL 5015 blue
00104036	YSLY/EB-OZ 5 x 0,75 bu RAL5015	80,00	36,00	7,50	RAL 5015 blue
00104007	YSLY/EB-JZ 7 x 0,75 bu RAL5015	110,00	50,00	8,10	RAL 5015 blue
00104037	YSLY/EB-OZ 7 x 0,75 bu RAL5015	110,00	50,00	8,10	RAL 5015 blue
00104008	YSLY/EB-JZ 12 x 0,75 bu RAL5015	176,00	86,00	11,20	RAL 5015 blue
00104038	YSLY/EB-OZ 12 x 0,75 bu RAL5015	176,00	86,00	11,20	RAL 5015 blue
00104009	YSLY/EB-JZ 18 x 0,75 bu RAL5015	257,00	130,00	12,00	RAL 5015 blue
00104052	YSLY/EB-OZ 18 x 0,75 bu RAL5015	257,00	130,00	12,00	RAL 5015 blue
00104010	YSLY/EB-JZ 25 x 0,75 bu RAL5015	365,00	180,00	16,70	RAL 5015 blue
00104049	YSLY/EB-OZ 25 x 0,75 bu RAL5015	365,00	180,00	16,70	RAL 5015 blue
00104011	YSLY/EB-OZ 2 x 1 bu RAL5015	53,00	19,20	5,80	RAL 5015 blue
00104032	YSLY/EB-JZ 3 x 1 bu RAL5015	67,00	29,00	6,20	RAL 5015 blue
00104039	YSLY/EB-OZ 3 x 1 bu RAL5015	67,00	29,00	6,20	RAL 5015 blue
00104013	YSLY/EB-JZ 4 x 1 bu RAL5015	81,00	38,40	6,90	RAL 5015 blue
00104040	YSLY/EB-OZ 4 x 1 bu RAL5015	81,00	38,40	6,90	RAL 5015 blue
00104014	YSLY/EB-JZ 5 x 1 bu RAL5015	103,00	48,00	7,80	RAL 5015 blue
00104053	YSLY/EB-OZ 5 x 1 bu RAL5015	103,00	48,00	7,80	RAL 5015 blue
00104016	YSLY/EB-JZ 7 x 1 bu RAL5015	133,00	67,00	8,70	RAL 5015 blue
00104041	YSLY/EB-OZ 7 x 1 bu RAL5015	133,00	67,00	8,70	RAL 5015 blue
00104017	YSLY/EB-JZ 12 x 1 bu RAL5015	225,00	115,00	11,70	RAL 5015 blue



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00104042	YSLY/EB-OZ 12 x 1 bu RAL5015	225,00	115,00	11,70	RAL 5015 blue
00104018	YSLY/EB-JZ 18 x 1 bu RAL5015	334,00	173,00	14,30	RAL 5015 blue
00104020	YSLY/EB-JZ 25 x 1 bu RAL5015	500,00	240,00	17,50	RAL 5015 blue
00104022	YSLY/EB-OZ 2 x 1,5 bu RAL5015	70,00	29,00	6,60	RAL 5015 blue
00104023	YSLY/EB-JZ 3 x 1,5 bu RAL5015	86,00	43,00	7,00	RAL 5015 blue
00104043	YSLY/EB-OZ 3 x 1,5 bu RAL5015	86,00	43,00	7,00	RAL 5015 blue
00104024	YSLY/EB-JZ 4 x 1,5 bu RAL5015	109,00	58,00	7,90	RAL 5015 blue
00104044	YSLY/EB-OZ 4 x 1,5 bu RAL5015	109,00	58,00	7,90	RAL 5015 blue
00104025	YSLY/EB-JZ 5 x 1,5 bu RAL5015	130,00	72,00	8,80	RAL 5015 blue
00104045	YSLY/EB-OZ 5 x 1,5 bu RAL5015	130,00	72,00	8,80	RAL 5015 blue
00104026	YSLY/EB-JZ 7 x 1,5 bu RAL5015	178,00	101,00	9,80	RAL 5015 blue
00104046	YSLY/EB-OZ 7 x 1,5 bu RAL5015	178,00	101,00	9,80	RAL 5015 blue
00104027	YSLY/EB-JZ 12 x 1,5 bu RAL5015	305,00	173,00	13,60	RAL 5015 blue
00104028	YSLY/EB-JZ 18 x 1,5	430,00	259,00	16,40	RAL 5015 blue
00104051	YSLY/EB-OZ 18 x 1,5	430,00	259,00	16,40	RAL 5015 blue
00104029	YSLY/EB-JZ 25 x 1,5 bu RAL5015	620,00	360,00	19,40	RAL 5015 blue
00104047	YSLY/EB-OZ 25 x 1,5 bu RAL5015	620,00	360,00	19,40	RAL 5015 blue
00104048	YSLY/EB-JB 25 x 1,5 bu RAL5015	620,00	360,00	19,40	RAL 5015 blue
00104031	YSLY/EB-JZ 34 x 1,5 bu RAL5015	820,00	490,00	21,60	RAL 5015 blue