

## YSLY PVC Control Cable for Intrinsically Safe Circuits with Blue Outer Sheath

**Application:** Suitable for dry, damp and wet locations as well as in areas with explosion hazard but not in the open-air. To be used as a connection and control cable for the application in intrinsically safe circuits for medium-level mechanical stress.



**Construction:**

- 1 ..... fine-stranded bare copper
- 2 ..... core insulation of polyvinylchloride (PVC)
- 3 ..... outer sheath of polyvinylchloride (PVC), blue, increased oil resistant

**Information:** **Capacity:** Core / Core approx. 120 nF/km  
**Inductivity:** approx. 0,65 mH/km

**Standards:** adapted to DIN VDE 0281  
 DIN EN 60228 class 5 (construction)  
 core identification JZ: 1 core green/yellow, other cores black with figures  
 core identification OZ: every core black with figures

### Technical data:

Nominal voltage U <sub>0</sub> /U	[V]	300 / 500 Volt
Test voltage	[V] <sub>Ac</sub>	2000
Temperature range	in motion	- 5°C till +70°C
	fixed	-30°C till +70°C
Operating temperature	short circuit	150
Short circuit time	max.	[sec] 5
Bending radius	one time / fixed	x diameter 6
	in motion	x diameter 15
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	Copper figure	Cond. construction (appr. value) mm	Overall diameter	Weight
	kg/km		appr. mm	appr. kg/km
2 x 0,75	14,4	24 x 0,21	5,3	42
3 x 0,75	21,6	24 x 0,21	5,5	50
4 x 0,75	28,8	24 x 0,21	6,2	64
5 x 0,75	36,0	24 x 0,21	6,7	77
7 x 0,75	50,4	24 x 0,21	7,4	99
25 x 0,75	180,0	24 x 0,21	13,9	333
2 x 1	19,2	32 x 0,21	5,5	50
7 x 1	67,2	32 x 0,21	8,0	114
18 x 1	172,8	32 x 0,21	12,7	303
2 x 1,5	28,8	30 x 0,26	6,3	63
3 x 1,5	43,2	30 x 0,26	6,6	79
4 x 1,5	57,6	30 x 0,26	7,3	98
5 x 1,5	72,0	30 x 0,26	8,1	123
7 x 1,5	100,8	30 x 0,26	8,9	161
12 x 1,5	172,8	30 x 0,26	11,8	277