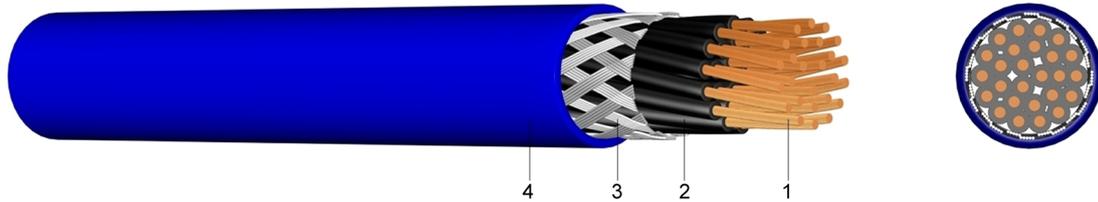


## YSLCY PVC Control Cable for Intrinsically Safe Circuits with Copper Braiding and Blue Outer Sheath

### Application:

For dry, humid and wet locations as well as areas with explosion hazard, but not in the open-air. To be used as an MSR cable for the application in intrinsically safe circuits. The copper braiding optimises protection against external electrical and magnetic interferences. The cable is suitable for medium-level mechanical stress.



### Construction:

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

### Information:

#### Capacity:

core / core : appr. 150 nF/km and core / screen : appr. 200 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.	5
Bending radius	one time / fixed	10
Bending radius	in motion	20
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 appr. mm	Weight appr. kg/km
	kg/km			
2 x 0,75	41,3	24 x 0,21	6,2	56
3 x 0,75	49,9	24 x 0,21	6,5	70
4 x 0,75	58,6	24 x 0,21	7,0	96
5 x 0,75	69,1	24 x 0,21	7,8	157
7 x 0,75	85,4	24 x 0,21	8,4	168
12 x 0,75	132,5	24 x 0,21	10,9	231
18 x 0,75	202,6	24 x 0,21	12,8	314
25 x 0,75	268,8	24 x 0,21	15,2	434
2 x 1,5	62,4	30 x 0,26	7,1	97
3 x 1,5	78,7	30 x 0,26	7,6	124
4 x 1,5	96,0	30 x 0,26	8,2	166
5 x 1,5	114,2	30 x 0,26	9,0	192
7 x 1,5	147,8	30 x 0,26	9,8	245