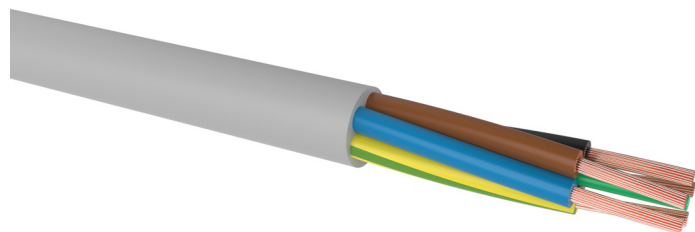


YSLY-JB oder -OB

PVC control cable, unscreened

DESIGN



- 1 | Copper conductor, fine wire
- 2 | Core insulation (PVC), cores stranded in layers
- 3 | Sheath (PVC grey RAL 7001 or blue RAL 5012 for intrinsically safe installation, conditional oil resistant)

APPLICATION

For the electrical connection of components of production machines and machine tools. Shows some resistance to all-purpose mineral oil and is not designed for permanent usage in oil baths. The cable is designed for use in buildings and should be installed with mechanical protection.

TECHNICAL DATA



Standard:
based on VDE 0281



Rated voltage:
300/500 V (U₀/U)



Test voltage:
4 kV / 50 Hz



Temperature range:
 laying temperature: min. 5 °C
 fixed: -50 °C up to 70 °C
 moved: -5 °C up to 70 °C
 conductor temperature: max. 60 °C
 short circuit temperature: max. 150 °C/5 s



Bending radius (min.):
 4 x Ø of cable (fixed installed)
 15 x Ø of cable (free motion)



Core identification:
 coloured according to HD 308 S2, with one core green-yellow (JB), without (OB)



Fire properties:
 EN 60332-1-2: self-extinguishing and flame retardant
 CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
YSLY-JB oder -OB				
4 x 1	19.5	6.5	71	500 D, 1000 D
3 x 1.5	13.3	6.4	72	500 D, 1000 D
4 x 1.5	13.3	7.2	93	500 D, 1000 D
5 x 1.5	13.3	7.8	111	500 D, 1000 D
3 x 2.5	7.98	7.5	108	500 D, 1000 D
4 x 2.5	7.98	8.3	135	500 D, 1000 D
5 x 2.5	7.98	9.0	162	500 D, 1000 D
2 x 4	4.95	8.6	127	500 D, 1000 D
4 x 4	4.95	10.3	209	500 D, 1000 D
2 x 6	3.3	10.0	179	500 D, 1000 D
5 x 6	3.3	13.1	360	500 D, 1000 D
5 x 10	1.91	17.4	623	500 D, 1000 D
5 x 35	0.554	33.0	2635	500 D, 1000 D
4 x 50	0.368	29.3	2151	500 D, 1000 D
5 x 50	0.368	33.0	2671	500 D, 1000 D
4 x 70	0.272	42.2	4050	500 D, 1000 D
5 x 70	0.272	46.3	5122	500 D, 1000 D
4 x 95	0.206	46.7	5626	500 D, 1000 D



SCHWECHATER KABELWERKE

YSLY-JB oder -OB

PVC control cable, unshielded

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
YSLY-JB oder -OB				
5 x 95	0.206	50.2	6266	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

30.8.2022, 14:16