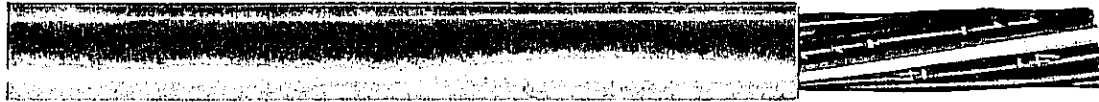


YSLY-JZ/-OZ

Flexible control cable as per VDE 0250 / 0245 / 0281

170954



Applications

Used as energy or connecting cable, as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines to meet stringent safety requirements.

Suitable for fixed installation or flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load. Installation in dry and moist rooms; outdoor installation not permitted.

Outdoor installation only in exceptional cases and with sufficient protection against direct exposure to sunlight.

Design

Stranded bare Cu conductor, fine wire
Strand structure as per VDE 0295, class 5

PVC-insulated cores
Black cores with printed consecutive number coding, with green-yellow protective conductor

OZ without protective conductor
Cores twisted in layers

Outer sheath: PVC, flame retardant
Sheath colour: grey, RAL 7001

Electrical and technical data

Rated voltage:

U₀/U 300/500 V

Test voltage:

mind. 2000 V

Insulation resistance:

20MΩ x km

Bending radius:

approx. 15 x cable diam

Temperature range:

moved

- 5° C to + 90° C

unmoved

- 30° C to + 90° C

Fire propagation / Flame retardation:
according to VDE 0472 part 804,
test method B, and IEC 332-1

Cross-section sq.mm	Cu content kg/km	Outer diameter approx. mm	Weight approx. kg/km	DM/km gross
→ 2x0,5 OZ	9,6	4,9	38	652,-
3x0,5	14,4	5,2	47	686,-
3x0,5 OZ	14,4	5,2	47	786,-
4x0,5	19,2	5,7	58	857,-
4x0,5 OZ	19,2	5,7	58	977,-
5x0,5	24,0	6,0	75	1.022,-
5x0,5 OZ	24,0	6,0	75	1.168,-
6x0,5	28,8	6,5	89	1.546,-
7x0,5	33,6	7,0	93	1.795,-
7x0,5 OZ	33,6	7,0	93	1.965,-
8x0,5	38,4	7,6	110	2.339,-
8x0,5 OZ	38,4	7,6	110	2.690,-
10x0,5	48,0	8,5	142	2.615,-
10x0,5 OZ	48,0	8,5	142	2.998,-
12x0,5	58,0	9,0	150	3.015,-
12x0,5 OZ	58,0	9,0	150	3.468,-
14x0,5	67,0	9,2	172	3.363,-
16x0,5	77,0	10,3	196	3.933,-
18x0,5	86,0	11,0	216	4.094,-
20x0,5	96,0	11,7	231	4.866,-
21x0,5	101,0	11,9	249	4.866,-
25x0,5	120,0	13,0	257	6.001,-
30x0,5	144,0	13,6	308	7.605,-
32x0,5	154,0	13,9	321	7.620,-
34x0,5	163,0	14,6	398	7.649,-
40x0,5	192,0	15,9	452	8.590,-
42x0,5	202,0	16,6	471	8.878,-
50x0,5	240,0	18,0	510	11.149,-
52x0,5	252,0	18,5	530	12.806,-
61x0,5	293,0	20,3	670	14.309,-
65x0,5	312,0	20,9	685	15.130,-
80x0,5	384,0	22,3	778	25.179,-
100x0,5	480,0	25,6	970	33.860,-