

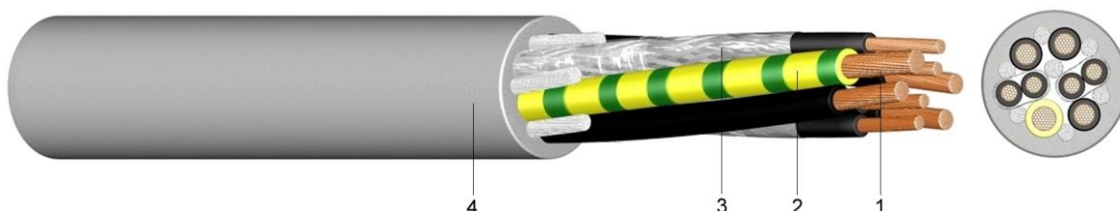


SL 800

Combined Composite Connection Cable with PUR Outer Sheath

Application:

This cable is well suited for flexible use in industries such as industrial robots, cable chains or machine and plant engineering. It is used for high mechanical stress in dry, damp and wet locations as well as at low temperatures as a connection cable for the power supply and as a signal and data cable for the steering and control of motors.



Construction:

- 1 very fine-stranded bare copper
- 2 core insulation of thermoplastic polyester elastomer or polypropylene (PP)
- 3 pair wise shielding of aluminium foil
- 4 outer sheath of polyurethane (PUR), grey, oil and abrasion resistant, UV-resistant

Standards:

in according with DIN VDE 0285-525-1
DIN EN 60228 class 6 (construction)

Technical data:

Nominal voltage U ₀ /U	[V]	600 / 1000 Volt
Test voltage	[V] _{Ac}	4000
Temperature range	in motion	-30°C till +80°C
Operating temperature	short circuit	150°C
Short circuit time	max.	[sec]
Bending radius	min.	x diameter
Oil-resistant	standard	EN 60811-2-1
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm ²	from stock	Copper figure kg/km	Wire diameter mm	Overall diameter appr. mm	Weight appr. kg / km
4 x 0,75 + 2x(2x0,34)	○	68	0,16	9,7	125
4 x 1,50 + 2x(2x0,75)	○	126	0,16	11,4	350
4 x 2,50 + 2x(2x0,75)	○	166	0,16	13,7	244
4 x 4,00 + (2x0,75)+(2x1)	○	229	0,16	15,6	352
4 x 6,00 + (2x0,75)+(2x1)	○	312	0,21	18,3	473
4 x 10,00 + (2x0,75)+(2x1)	○	472	0,21	22,1	685
4 x 16,00 + 2x(2x1)	○	716	0,21	25,2	993
4 x 25,00 + 2x(2x1,5)	○	1.076	0,21	30,0	1.740
4 x 35,00 + 2x(2x1,5)	○	1.500	0,21	32,2	2.410