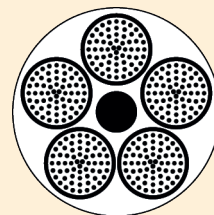


# HSLH

## LSOH control cable

RoHS

### CROSS SECTION



## APPLICATION

Suitable for use as a fixed installation or flexible (freely moving without restrictive guidance) measuring and control cable for electrical equipment and power systems in industry and the systems engineering sector. For computer units, control units on machine tools, assembly lines, control units on conveyor systems and production lines, for controlling, regulating and monitoring work processes, industrial plants, as well as guided lines with occasional free, not constantly recurring movement without forced guidance. For external and internal installation in wet and damp environments but not outdoors. With reduced fire load and low smoke and corrosive combustion gas emissions for preventing increased risks of injury to persons and damage to property in the event of a fire.

## STRUCTURE

Conductor	Copper, bare, flexible
Cores	Halogen-free polymer insulation; Labelling: black with digits (only 2-cored); Yellow and green, remaining cores black with digits
Outer sheath	Halogen-free, flame-retardant polymer

## TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	2000 V
Flame retardancy	DIN VDE 0472-804, test method C (cable bundle set)
Halogen-free nature	DIN VDE 0472-815 corrosiveness
of combustion gases	DIN VDE 0472-813
Smoke density	DIN VDE0472-816
Installation temperature	Fixed installation -40°C to +85°C
Installation temperature	Moving -30°C to +85°C, in the event of a short circuit +160°C
Min. bending radius	Cable Ø < 12 mm fixed installation 8x cable Ø
Min. bending radius	Cable Ø < 12 mm moving 10x cable Ø
Min. bending radius	Cable Ø > 12 mm fixed installation 8x cable Ø
Min. bending radius	Cable Ø > 12 mm moving 10x cable Ø

### SPECIAL FEATURES

**Properties**  
Unshielded  
Halogen free  
Flame retardant

**Sheath colour**  
Grey (RAL 7001), imprint:  
TYP HALOGENFREI  
Company tracer thread

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)
HSLH-OZ	2x0.75	14.4	6.4	55
HSLH-JZ	3x0.75	21.6	6.8	65
HSLH-JZ	4x0.75	29.0	7.0	75
HSLH-JZ	5x0.75	36.0	7.9	90
HSLH-JZ	7x0.75	50.4	8.6	110
HSLH-JZ	12x0.75	86.4	11.5	170
HSLH-JZ	18x0.75	129.6	13.4	255
HSLH-JZ	25x0.75	180.0	16.5	365
HSLH-JZ	3x1	29.0	6.1	62
HSLH-JZ	4x1	38.0	6.8	79
HSLH-JZ	5x1	48.0	7.6	98
HSLH-JZ	7x1	67.0	8.3	126
HSLH-JZ	12x1	115.0	10.8	212
HSLH-OZ	2x1.5	29.0	7.2	75
HSLH-JZ	3x1.5	43.2	7.6	90
HSLH-JZ	4x1.5	58.0	8.3	110
HSLH-JZ	5x1.5	72.0	9.0	135
HSLH-JZ	7x1.5	101.0	9.8	165
HSLH-JZ	10x1.5	144.0	12.8	235
HSLH-JZ	12x1.5	173.0	13.2	270
HSLH-JZ	18x1.5	259.0	15.4	385
HSLH-JZ	25x1.5	360.0	19.6	575
HSLH-JZ	3x2.5	72.0	8.4	127
HSLH-JZ	4x2.5	96.0	9.3	162
HSLH-JZ	5x2.5	120.0	10.3	200
HSLH-JZ	4x4.0	154.0	11.6	240
HSLH-JZ	5x4.0	192.0	12.7	285
HSLH-JZ	4x6.0	231.0	13.0	305
HSLH-JZ	5x6.0	288.0	14.3	410

