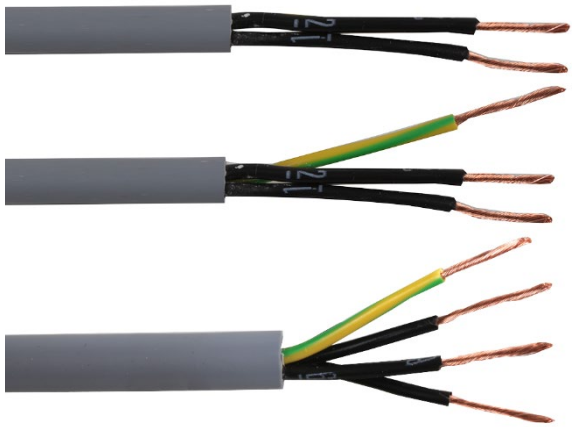
TECHNICAL DATA SHEET

RoHS Compliant

YY LSZH CONTROL CABLE (HLSH)

MODELS: PEL01774-PEL01785



Application:

Low-smoke, halogen-free flexible connecting cable for instrumentation and control equipment for tooling machinery, production lines, and in flexible applications with free movement and no tensile load. Suitable for use in dry, ambient and wet rooms. These cables are not suitable for outdoor or underground installations.

Characteristics:

Voltage rating: 300/500V
Temperature rating: Fixed: -40°C to +80°C, flexed: -15°C to +70°C
Min. bending radius: Fixed = 6x overall diameter, flexed = 15x overall diameter

Construction:

Conductor: Class 5 flexible plain copper
Insulation: LSZH (Low Smoke Zero Halogen)
Jacket: Grey LSZH (Low Smoke Zero Halogen)
Core identification: Black with white number
From 3 cores: Black with white number + green/yellow

Standards:

VDE 0207-303-7,
Flame Retardant according to IEC/EN 60332-1-2,
IEC/EN 60332-3-24
Low Smoke Zero Halogen according to IEC/EN 60754-1/2,
IEC/EN 61034-1/2

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Cores	Cross Sectional Area (mm²)	Insulation Thickness (mm)	Jacket Thickness (mm)	Overall Diameter (mm)	Length (m)	Model
2	0.75	0.40	0.70	5.20	100	PEL01774
	1.00	0.40	0.70	5.60	100	PEL01775
	1.50	0.40	0.80	6.40	100	PEL01776
	2.50	0.50	0.90	7.60	100	PEL01777
3	0.75	0.40	0.70	5.50	100	PEL01778
	1.00	0.40	0.80	6.10	100	PEL01779
	1.50	0.40	0.80	6.80	100	PEL01780
	2.50	0.50	0.90	8.30	100	PEL01781
4	0.75	0.40	0.80	6.20	100	PEL01782
	1.00	0.40	0.80	6.70	100	PEL01783
	1.50	0.40	0.90	7.60	100	PEL01784
	2.50	0.50	1.00	9.30	100	PEL01785

Electrical Characteristics:

Cross Sectional Area (mm²)	Current Capacity @ 30°C, Continuous Loading (A)	Max. Conductor Resistance @ 20°C (Ω/km)
0.50	9	39
0.75	12	26
1.00	15	19.50
1.50	18	13.30
2.50	26	7.98

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