



CONTACT

Market information
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- Instrumentation cables 300 V
- Individual & Overall Screen (OS)
- Low smoke, low halogen (LSLH)
- Oil resistant

STANDARDS

Product IEC 60228

Test IEC 60332-3-22 Cat. A; IEC 60754; IEC 61034

APPLICATIONS

These cables are intended for transmission of analogue and digital signals. They allow transmission over long distances at high pulse rates. The individual screening of each pair limits the consequence of crosstalk. These cables are used in industrial installations such as refineries, chemical plants etc where there is a potential risk of mechanical damage.

Design

Conductor:

Stranded bare copper (class 2)

Insulation:

Polyethylene (PE)

Individual screen:

Tinned copper drain wire

Aluminium/polyester tape

Overall screen:

Tinned copper drain wire

Aluminium/polyester tape

Inner sheath:

Polyvinyl chloride (PVC)

Colour: black

Armour:

Galvanized steel wires (SWA)

Outer sheath:

Polyvinyl chloride (PVC)

Special low smoke, low halogen (LSLH)

Colour: black or blue

Fire retardant: IEC 60332-3-22 (A), limiting oxygen index > 30 as per ASTM D 2863

Low smoke: IEC 61034-2, transmittance > 40 %

Low halogen: IEC 60754-1 HCL < 6 %



导线柔软度
绞和等级2



阻燃
EN IEC 60332-3-22 (cat A)



颜色
低



阻燃度
低



操作温度
-20 ... 60 °C



芯线最高静止温度
70 °C

Core identification

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx^{eo} is indicative only and shall not be binding on Lynx^{eo} or be treated as constituting a representation or warranty on the part of Lynx^{eo}.

Markings

CHARACTERISTICS

结构特性

导体材料	裸铜线
导线柔软度	绞和等级2
绝缘	聚乙烯
线对屏蔽	Tinned copper drain wire + aluminium/polyester tape
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
内护套	聚氯乙烯
铠装类型	镀锌钢丝
外护套	聚氯乙烯

电气特性

工作电压	300 V
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使用特性

阻燃	EN IEC 60332-3-22 (cat A)
耐油	ASTM D 1047
烟密度	低
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	70 ° C
标准	EN

SECTION 0.5 MM²

Reference	nb pairs	Diam. over inner sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	护套颜色
10098194	2	6.4	8.4	12.4	13.7	313	黑
10101884	4	7.9	9.9	14.1	15.5	397	蓝
10098195	4	7.9	9.9	14.1	15.5	397	黑
10098196	8	10.6	12.6	16.7	18.4	552	黑
10098198	12	13	15.0	19.2	21.2	709	黑
10098199	16	15.4	17.4	21.5	23.8	862	黑
10098200	20	16.8	18.8	23.8	26.2	1140	黑
10098201	24	18.3	20.3	25.2	27.8	1278	黑



导线柔软度
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耐油
ASTM D 1047



烟密度
低



操作温度
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芯线最高静止温度
70 ° C

SECTION 0.75 MM²

Reference	nb pairs	Diam. over inner sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	护套颜色
10101885	2	6.3	8.3	12.4	13.6	309	蓝
10098202	2	6.3	8.3	12.4	13.6	309	黑
10098203	4	7.8	9.8	14.0	15.4	402	黑
10098204	8	12.2	14.2	18.4	20.3	663	黑
10098205	12	14.9	16.9	21.2	23.4	865	黑
10098206	16	17.7	19.7	24.6	27.2	1209	黑
10098207	20	19.2	21.2	26.3	29.0	1383	黑
10098208	24	21	23.0	28.0	30.9	1570	黑

SECTION 1.34MM²

Reference	nb pairs	Diam. over inner sheath [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	护套颜色
10098209	2	8.3	10.3	14.5	15.9	402	黑
10098210	4	9.6	11.6	15.7	17.3	501	黑
10098211	8	12.8	14.8	19.0	17.3	750	黑
10098212	12	15.7	17.7	22.7	25.0	1114	黑
10098213	16	22.3	24.3	29.3	32.3	1651	黑
10098214	20	24.2	26.2	31.3	34.6	1895	黑
10098215	24	23.6	25.6	30.7	33.9	1924	黑

ELECTRICAL CHARACTERISTICS

Electrical data AT 20°C

Cables (mm ²)	Conductor Resistance max. (Ohm / km)	Insulation Resistance min. (Mohm.km)	Mutual Capacitance at 800 Hz maximum (nF / km)	L/R ratio max (µH / ohm)	Test Voltage (core/core) (V)
0.5	36.7	5 000	115	25	2 000
0.75	24.9	5 000	115	25	2 000
1.34	14.2	5 000	115	40	2 000



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SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations



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