



Reference: 10098198  
EAN 13: 3427580121913

### 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



机械冲击性能  
好



阻燃  
EN IEC 60332-3-22  
(cat A)



耐卤  
ASTM D 1047



烟密度  
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<sup>eo</sup> is indicative only and shall not be binding on Lynx<sup>eo</sup> or be treated as constituting a representation or warranty of any kind. For identification of the pair cores, the pair number

### 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
护套颜色	黑

### 尺寸特性

导线截面	0.5 mm <sup>2</sup>
线对数	12
Diameter over inner sheath	13 mm
铠装外径	15.0 mm
外径最小值	19.2 mm
Maximum outer diameter	21.2 mm
近似重量	709 kg/km

### 电气特性

工作电压	300 V
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### 机械特性

机械耐冲击性能	好
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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



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## ELECTRICAL CHARACTERISTICS

### Electrical data AT 20°C

Cables (mm <sup>2</sup> )	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

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

- 10 x outer diameter
- To be doubled during laying operations



导线柔软度  
绞和等级2



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