



- Instrumentation cables 170/300 V
- With lead cover (LC)
- Individual & Overall Screen (IOS)
- Aliphatic and aromatic hydrocarbons resistant

### STANDARDS

Test IEC 60331; IEC 60332-3-22 Cat. A

### APPLICATIONS

These instrumentation and communication cables are used to transmit analogue or digital signals in measurement and process control. They are well adapted to underground use in industrial applications, in moist areas, where hydrocarbon and mechanical protection are needed. The lead cover brings an enhanced resistance to aromatics hydrocarbons. The individual screening of each pair limits the consequence of crosstalk. They maintain circuit integrity when exposed to fire.

### Design

#### Conductor:

Stranded bare copper class 2

#### Insulation:

Silicone rubber (Sil)

#### Individual screen:

Polyester tape

Tinned copper drain wire

Aluminium backed polyester tape

Polyester tape

#### Overall screen:

Polyester tape

Tinned copper drain wire

Aluminium backed polyester tape

#### Inner sheath:

Low Smoke Zero Halogen (LSZH)

Colour: black

#### Lead sheath:

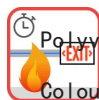
#### Bedding (intermediate sheath):



额定电压U<sub>0</sub>/U  
170/300V



机械耐冲击性能  
好



耐火  
IEC  
Armour:



阻燃  
EN IEC 60332-3-22  
(cat A)



耐化学物质  
Aliphatic and  
aromatic  
hydrocarbons  
(SWA)



抗电磁干扰  
是



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
90 ° C

Galvanized steel wires (SWA)

#### Outer sheath:

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 on the part of Lynx<sup>eo</sup>.

Other colour on request.

### CONTACT

Market information  
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## CHARACTERISTICS

### 结构特性

导体材料	裸铜线
导体类型	Stranded, class 2
绝缘	硅树脂橡胶
线对屏蔽	Tinned copper drain wire + aluminium/polyester tape
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
内护套	Low smoke, zero halogen thermoplastic compound
Lead Sheath	Yes
中间护套	PVC
铠装类型	镀锌钢丝
外护套	聚氯乙烯
防护	Yes

### 尺寸特性

线对数	30
导线截面	2.5 mm <sup>2</sup>
导线直径	1.91 mm
绝缘外径	3.07 mm
Diameter over inner sheath	40.3 mm
Diameter over lead sheath	43.9 mm
Diameter over intermediate sheath	46.7 mm
铠装外径	50.7 mm
外径最小值	50.0 mm
Maximum outer diameter	58.3 mm
近似重量	7579 kg/km

### 电气特性

额定电压U <sub>0</sub> /U	170/300V
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### 机械特性

机械耐冲击性能	好
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### 使用特性

耐火	IEC 60331
阻燃	EN IEC 60332-3-22 (cat A)
耐化学物质	Aliphatic and aromatic hydrocarbons resistant
抗电磁干扰	是
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	90 ° C
标准	EN



额定电压U<sub>0</sub>/U  
170/300V



机械耐冲击性能  
好



耐火  
IEC 60331



阻燃  
EN IEC 60332-3-22  
(cat A)



耐化学物质  
Aliphatic and aromatic  
hydrocarbons  
resistant



抗电磁干扰  
是



操作温度  
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芯线最高静止温度  
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SELLING AND DELIVERY INFORMATION

Other fire performances IEC 60332-1 or IEC 60332-3-24(C) on request.

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations

Tinned copper conductors available on request



额定电压 $U_0/U$   
170/300V



机械耐冲击性能  
好



耐火  
IEC 60331



阻燃  
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