



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

STANDARDS

Test 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

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross-linked polyethylene (XLPE)

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:

Polyvinyl chloride (PVC)

Colour: black

Lead sheath:

Bedding (intermediate sheath):

Polyvinyl chloride (PVC)

Colour: black

阻燃
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
-20 ... 60 ° C

芯线最高静止温度
90 ° C

Galvanized steel wire (SWA)

Outer sheath:

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 on the part of Lynx^{eo}.

Other colour on request.

CONTACT

Market information
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额定电压U₀/U
170/300V



机械冲击性能
好



Polyvinyl chloride (PVC)

Colour: black

阻燃
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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 | XLPE (Cross-linked Polyethylene) |
| 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 |
| 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 | 0.75 mm ² |
| 导线直径 | 1.1 mm |
| 绝缘外径 | 1.58 mm |
| Diameter over inner sheath | 22.3 mm |
| Diameter over lead sheath | 24.7 mm |
| Diameter over intermediate sheath | 26.7 mm |
| 铠装外径 | 29.2 mm |
| 外径最小值 | 31.8 mm |
| Maximum outer diameter | 35.1 mm |
| 近似重量 | 2811 kg/km |

电气特性

| | |
|-----------------------|----------|
| 额定电压U ₀ /U | 170/300V |
|-----------------------|----------|

机械特性

| | |
|---------|---|
| 机械耐冲击性能 | 好 |
|---------|---|

使用特性

| | |
|----------|---|
| 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U₀/U
170/300V



机械耐冲击性能
好



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EN IEC 60332-3-22
(cat A)



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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



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