



- Instrumentation cables 170/300 V
- Individual & Overall Screen (IOS)
- Lead free
- Aliphatic and aromatic hydrocarbons resistant

STANDARDS

Test IEC 60332-3-22 Cat. A

APPLICATIONS

These instrumentation and communication cable are used to transmit analogue or digital signals in measurement and process control in moist areas and where aliphatic and aromatic hydrocarbons may be present. The individual screening of each pair limits the consequence of crosstalk. Hypron® offers an alternative to conventional lead covered cable and is an environmental friendly solution.

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross-linked polyethylene (XLPE)

Individual screen:

Binder tape

Tinned copper drain wire

Aluminium backed polyester tape

Binder tape

Binder tape

Bedding

Inner sheath:

Polyvinyl chloride (PVC)

Colour: black

Overall screen/sealing barrier:

Tinned copper drain wire

Aluminium backed polyethylene tape

Bedding:

High density polyethylene (PE)

Colour: black

Special sheath (intermediate sheath)

EN IEC 60332-3-22 (cat. A)

Polyamide

Aliphatic and aromatic hydrocarbons resistant

耐电磁干扰 是



操作温度
-20 ... 60 ° C



芯线最高静止温度
90 ° C



无铅
是



额定电压U₀/U
170/300V

CONTACT

Market information
industryprojects.business@lynxgroup.com

Outer sheath:

Polyvinyl chloride (PVC)

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

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 |
| 内护套 | 聚氯乙烯 |
| 总屏蔽 | Tinned copper drain wire + aluminium/polyethylene tape |
| 垫层材料 | HDPE |
| 中间护套 | Polyamide |
| 外护套 | 聚氯乙烯 |
| 无铅 | 是 |
| 防护 | no |

尺寸特性

| | |
|-----------------------------------|---------------------|
| 线对数 | 5 |
| 导线截面 | 2.5 mm ² |
| 导线直径 | 1.91 mm |
| 绝缘外径 | 2.57 mm |
| Diameter over inner sheath | 16.1 mm |
| Diameter over intermediate sheath | 19.4 mm |
| 外径最小值 | 24.6 mm |
| Maximum outer diameter | 27.2 mm |
| 近似重量 | 761 kg/km |

电气特性

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

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 |

SELLING AND DELIVERY INFORMATION

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



无铅
是



额定电压U₀/U
170/300V



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
-20 ... 60 ° C



芯线最高静止温度
90 ° C

Minimum bending radius:

15 x outer diameter
To be doubled during laying operations

Tinned copper conductors available on request



无铅
是



额定电压U₀/U
170/300V



阻燃
EN IEC 60332-3-22
(cat A)



耐化学物质
Aliphatic and
aromatic
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抗电磁干扰
是



操作温度
-20 ... 60 °C



芯线最高静止温度
90 °C