



- 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

耐化学腐蚀

抗电磁干扰

是

操作温度
-20 ... 60 ° C

芯线最高静止温度
90 ° C

CONTACT

Market information
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无铅
是



额定电压U₀/U
170/300V



颜色



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

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	30
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	34 mm
Diameter over intermediate sheath	37.7 mm
外径最小值	42.4 mm
Maximum outer diameter	46.8 mm
近似重量	2679 kg/km

电气特性

额定电压U ₀ /U	170/300V
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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 U_0/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