



- Instrumentation cables 170/300 V
- Overall Screen (OS)
- 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. 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)

#### 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):

Polyamide

#### Outer sheath:

Polyvinyl chloride (PVC).

Colour: black.

Other colour on request.

EN IEC 60332-3-22  
(cat A)  
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

### Core identification

Pair: white - black

Quad: white - black - red - blue (2 pair cables assembled as a quad)

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>.

### Marking

### CONTACT

Market information  
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无铅是



额定电压U<sub>0</sub>/U  
170/300V

## 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)
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	0.5 mm <sup>2</sup>
导线直径	0.9 mm
绝缘外径	1.38 mm
Diameter over inner sheath	18.6 mm
Diameter over intermediate sheath	22.3 mm
外径最小值	27.5 mm
Maximum outer diameter	30.3 mm
近似重量	846 kg/km

### 电气特性

额定电压U <sub>0</sub> /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.

Minimum bending radius:



无铅  
是



额定电压U<sub>0</sub>/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

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  
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