



- 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



无铅是



额定电压U₀/U
170/300V

Core identification

Pair: white - black

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

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Marking

CONTACT

Market information
industryprojects.business@lynx^{eo}.group.com

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	0.75 mm ²
导线直径	1.1 mm
绝缘外径	1.58 mm
Diameter over inner sheath	20.9 mm
Diameter over intermediate sheath	24.6 mm
外径最小值	29.7 mm
Maximum outer diameter	32.7 mm
近似重量	1085 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.

Minimum bending radius:



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

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
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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