



Reference: 10186685
EAN 13: 3427580519222

CONTACT

Market information
industryprojects.business@lynxgroup.com
xeogroup.com

- Instrumentation cables 170/300 V
- With lead cover (LC)
- Overall Screen (OS)
- 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.

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross-linked polyethylene (XLPE)

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

Armour:

Galvanized steel wires (SWA)

Outer sheath:

Polyvinyl chloride (PVC)

Colour: black

Other colour on request. 阻燃 耐火物质 抗电磁干扰

EN IEC 60332-3-22 Aliphatic and aromatic hydrocarbons resistant (cat A)

Core identification

Pair: white - black

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

White core printed with pair number

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx^{eo} is intended to be used as a reference only and shall not be binding on Lynx^{eo} or be treated as constituting a representation on the part of Lynx^{eo}.

NEXANS 279 XLPE/OA.SCR/PVC//LC/PVC/SWA/PVC 170/300V Nber of pairs & cross-



额定电压U₀/U
170/300V



机械耐冲击性能
好



阻燃



耐火物质



抗电磁干扰
是



操作温度
-20 ... 60 °C



芯线最高静止温度
90 °C



Min. dynamic
operating bending
rad.
223.0 mm

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)
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	10
导线截面	0.5 mm ²
导线直径	0.9 mm
绝缘外径	1.38 mm
Diameter over inner sheath	11.8 mm
Diameter over lead sheath	13.8 mm
Diameter over intermediate sheath	15.8 mm
铠装外径	17.6 mm
外径最小值	20.2 mm
Maximum outer diameter	22.3 mm
近似重量	1080 kg/km

电气特性

额定电压U ₀ /U	170/300V
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机械特性

机械耐冲击性能	好
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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
最小弯曲半径 - 动态	223.0 mm
标准	EN



额定电压U₀/U
170/300V



机械耐冲击性能
好



阻燃
EN IEC 60332-3-22
(cat A)



耐化学物质
Aliphatic and aromatic
hydrocarbons
resistant



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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U₀/U
170/300V



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阻燃
EN IEC 60332-3-22
(cat A)



耐化学物质
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