



Reference: 10135221
EAN 13: 3427580322624

CONTACT

Market information
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- Instrumentation cables 170/300 V
- With lead cover (LC)
- Overall Screen (OS)
- Aliphatic and aromatic hydrocarbons resistant

STANDARDS

Test IEC 60331; 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. They maintain circuit integrity when exposed to fire.

Design

Conductor:

Stranded bare copper class 2

Insulation:

Silicone rubber (Sil)

Overall screen:

Polyester tape
Tinned copper drain wire,
Aluminium backed polyester tape

Inner sheath:

Low Smoke Zero Halogen (LSZH)
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.
耐火 阻燃 耐化学物质
IEC 60331 EN IEC 60332-3-22 Aliphatic and
(cat A) aromatic
hydrocarbons
resistant

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^{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 SIL/OA.SCR/LSZH//LC/PVC/SWA/PVC 170/300V Nber of pairs & cross-section



额定电压U₀/U
170/300V



机械耐冲击性能
好



耐火
IEC 60331



阻燃



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

CHARACTERISTICS

结构特性

导体材料	裸铜线
导体类型	Stranded, class 2
绝缘	硅树脂橡胶
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
内护套	Low smoke, zero halogen thermoplastic compound
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	20
导线截面	1 mm ²
导线直径	1.28 mm
绝缘外径	2.44 mm
Diameter over inner sheath	25.4 mm
Diameter over lead sheath	28.2 mm
Diameter over intermediate sheath	30.6 mm
铠装外径	33.8 mm
外径最小值	34.0 mm
Maximum outer diameter	39.7 mm
近似重量	3409 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

耐火	IEC 60331
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



额定电压U₀/U
170/300V



机械耐冲击性能
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耐火
IEC 60331



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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 U_0/U
170/300V



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