



Reference: 10135200
EAN 13: 3427580322419

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:



额定电压U₀/U
170/300V



机械耐冲击性能
好



耐火
IEC 60331



耐化学物质
EN IEC 60332-3-22 Aliphatic and
(cat A) 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

Polyvinyl chloride (PVC)

Colour: black

Other colour on request.

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

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 | 2 |
| 导线截面 | 0.5 mm ² |
| 导线直径 | 0.9 mm |
| 绝缘外径 | 2.06 mm |
| Diameter over inner sheath | 7.2 mm |
| Diameter over lead sheath | 9 mm |
| Diameter over intermediate sheath | 11 mm |
| 铠装外径 | 12.8 mm |
| 外径最小值 | 14.4 mm |
| Maximum outer diameter | 16.7 mm |
| 近似重量 | 665 kg/km |

电气特性

| | |
|-----------------------|----------|
| 额定电压U ₀ /U | 170/300V |
|-----------------------|----------|

机械特性

| | |
|---------|---|
| 机械耐冲击性能 | 好 |
|---------|---|

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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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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