



- Instrumentation cables 170/300 V
- Individual & Overall Screen (IOS)
- Oil 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 where chemicals may be present. The individual screening of each pair limits the consequence of crosstalk.

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross-linked polyethylene (XLPE)

Individual screen:

Polyester tape

Tinned copper drain wire,

Aluminium backed polyester tape

Polyester tape

Overall screen:

Polyester tape

Tinned copper drain wire

Aluminium backed polyester tape

Outer sheath:

Polyvinyl chloride (PVC).

Colour: black.

Other colour on request.

Core identification

Pair: white - black

White core printed with pair number

Marking

NEXANS 279 XLPE/IND-OA.SCR/PVC 170/300V, No. of pairs & cross-section Cu IEC 60332-3-22 (A) MM YYYY Manufacturing number + metric marking

CONTACT

Market information
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额定电压U₀/U
170/300V



阻燃
EN IEC 60332-3-22 (Cat. A)



耐油



抗电磁干扰



操作温度



芯线最高静止温度

Standards

EN 50288-7, (Design guide-lines)

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

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)
线对屏蔽	Tinned copper drain wire + aluminium/polyester tape
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
外护套	聚氯乙烯
防护	no

尺寸特性

线对数	30
导线截面	1.5 mm ²
导线直径	1.5 mm
绝缘外径	2.16 mm
外径最小值	29.6 mm
Maximum outer diameter	32.6 mm
近似重量	1478 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)
耐油	是
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) and enhanced hydrocarbon resistance 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



阻燃
EN IEC 60332-3-22 (cat A)



耐油
是



抗电磁干扰
是



操作温度
-20 ... 60 ° C



芯线最高静止温度
90 ° C