



Reference: 10112057
EAN 13: 3427580200519

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

- Instrumentation cables 300/500 V
- XLPE insulation (Part 1)
- Unarmoured (Type 1)
- 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:

Solid, stranded or flexible bare copper

Insulation:

Cross-linked polyethylene (XLPE)

Individual screen:

Binder tape

Tinned copper drain wire,

Aluminium/polyester tape

Binder tape

Overall screen:

Binder tape

Tinned copper drain wire,

Aluminium/polyester tape

Outer sheath:

Polyvinyl chloride (PVC)

Colour: black

Other colour on request.

Core identification



额定电压U₀/U
300 / 500 V



阻燃
EN IEC 60332-3-22 (Cat. A)



耐油
Marking



抗电磁干扰
是



操作温度
-20 ... 60 ° C



芯线最高静止温度
90 ° C

Pair: black - white
White core printed with pair number
On request according to PAS 5308 part

NEXANS 279 XLPE/IND.+0A.SCR/PVC 300/500V Nber of pairs & cross-section Cu IEC
60332-3-22 (A) MM YYYY Manufacturing number + metric marking

Standards

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxéo is indicative only and should not be used as a basis for design or construction or be treated as constituting a representation of the product or part of Lynxéo.

BS EN 60228-2005
BS EN 50290-2-29

CHARACTERISTICS

结构特性

导体材料	裸铜线
导体类型	Circular, Flexible, Class 5
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	2
导线截面	0.5 mm ²
导线直径	0.9 mm
绝缘外径	2.1 mm
外径最小值	11.3 mm
Maximum outer diameter	12.6 mm
近似重量	133 kg/km

电气特性

额定电压U ₀ /U	300 / 500 V
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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	PAS

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
300 / 500 V



阻燃
EN IEC 60332-3-22 (cat A)



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