



Reference: 10112053  
EAN 13: 3427580200472

### 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

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



额定电压U<sub>0</sub>/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

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 Lynx<sup>eo</sup> is intended for use on products and not be considered as constituting a representation of Lynx<sup>eo</sup> part of Lynx<sup>eo</sup>.  
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	Solid, Class 1
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	10
导线截面	0.5 mm <sup>2</sup>
导线直径	0.8 mm
绝缘外径	1.8 mm
外径最小值	16.8 mm
Maximum outer diameter	18.5 mm
近似重量	390 kg/km

## 电气特性

额定电压U <sub>0</sub> /U	300 / 500 V
-----------------------	-------------

## 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U<sub>0</sub>/U  
300 / 500 V



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