



**Reference:** 10112066  
**EAN 13:** 3427580200601

#### CONTACT

Market information  
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ogroup.com

- Instrumentation cables 300/500 V
- XLPE insulation (Part 1)
- Unarmoured (Type 1)
- Individual & Overall Screen (IOS)
- **Oil resistant**

### STANDARDS

**Ensayo** 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

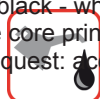
On request: according to PAS 5308 part 1



Tensión nominal de servicio  
Uo/U  
300/500 V



No propagador del  
incendio  
EN IEC 60332-3-22 (cat  
A)



Resistencia a aceites  
Sí



Resistencia a interferencias  
electromagnéticas  
Sí



Temp. ambiente de  
utilización  
20 - 60 °C



Max.conductor temp.in  
service  
90 °C

### Marking

NEXANS 279 XLPE/IND. + OA.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 conforming to the technical type of Lynxéo is indicative only and shall not be binding. It is created as constituting a representation on the part of Lynxéo.  
BS EN 60228-2003  
BS EN 50290-2-29

## CHARACTERISTICS

## Características de construcción

Material del conductor	Cobre desnudo
Type of conductor	Solid, Class 1
Aislamiento	XLPE
Individual screen	Tinned copper drain wire + aluminium/polyester tape
Overall screen	Tinned copper drain wire + aluminium/polyester tape
Cubierta exterior	PVC
Protección	no

## Características dimensionales

Número de pares	20
Sección del conductor	1 mm <sup>2</sup>
Diámetro del conductor	1,14 mm
Diámetro sobre aislamiento	2,34 mm
Diámetro exterior mínimo	26,6 mm
Diámetro exterior máximo	29,3 mm
Peso aproximado	1098 kg/km

## Características eléctricas

Tensión nominal de servicio Uo/U	300/500 V
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## Características de uso

No propagador del incendio	EN IEC 60332-3-22 (cat A)
Resistencia a aceites	Sí
Resistencia a interferencias electromagnéticas	Sí
Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Temperatura máxima del conductor	90 °C
Standard	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



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Sí



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service  
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