



Reference: 10112065  
EAN 13: 3427580200595

### CONTACT

Market information  
industryprojects.business@lynxéogroup.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 1



Uo/U (Um)  
300/500 V



Fire retardant  
EN IEC 60332 - 3 - 22 (cat  
A)



Oil resistance  
Yes



Electromagnetic  
interference resistance  
Yes



Operating temp.  
-20 ... 60 ° C



Maximum conductor temp.  
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

PAS 5308 Part 1/type 1 (Design guide - lines)

BS EN 60228 - 2005

BS EN 50290 - 2 - 29

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 shall not be binding on Lynxéo or be treated as constituting a representation on the part of Lynxéo.

## CHARACTERISTICS

	1
	XLPE(가 )
Individual screen	Tinned copper drain wire + aluminium/polyester tape
Overall screen	Tinned copper drain wire + aluminium/polyester tape
Protection	no
Number of pairs	10
	1 mm <sup>2</sup>
	1.14 mm
Diameter over insulation	2.34 mm
Minimum outer diameter	20.5 mm
Maximum outer diameter	22.6 mm
( )	612 kg/km
U <sub>o</sub> /U (U <sub>m</sub> )	300/500 V
Fire retardant	EN IEC 60332 - 3 - 22 (cat A)
Oil resistance	Yes
Electro magnetic interference resistance	Yes
操作度范	- 20 ... 60 ° C
Max. conductor temperature in service	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



U<sub>o</sub>/U (U<sub>m</sub>)  
300/500 V



Fire retardant  
EN IEC 60332 - 3 - 22 (cat A)



Oil resistance  
Yes



Electro magnetic  
interference resistance  
Yes



Operating temp.  
- 20 ... 60 ° C



Max. conductor temp. in  
service  
90 ° C