



- 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



Tensione nominale U<sub>0</sub>/U  
(Um)  
170/300V



Fuoco ritardante  
EN IEC 60332-3-22  
A)



**Marking**

Resistenza all'olio  
EN IEC 60332-3-22  
A)



Resistenza ad interferenza  
EN IEC 60332-3-22  
A)



Temperatura Operativa  
EN IEC 60332-3-22  
A)



Temp. Max. del conduttore  
EN IEC 60332-3-22  
A)

NEXANS 279 XLPE/IND+OA-SCR/PVC 170/300V Nbr. of pairs & cross-section Cu IEC  
60332-3-22 (A) MM YYYYYY Manufacturing number + metric marking  
Si

### 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 Lynxéo is indicative only and shall not be binding on Lynxéo or be treated as constituting a representation on the part of Lynxéo.

Reference: 10134688  
EAN 13: 3427580317392

### CONTACT

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### CHARACTERISTICS

#### Caratteristiche costruttive

Materiale del conduttore	Rame nudo
Tipo di conduttore	A trefoli, Classe 2
Isolamento	XLPE (polietilene reticolato)
Schermo Individuale	Filo di drenaggio in rame stagnato + nastro di alluminio/ poliestere
Schermo Collettivo	Filo di rame stagnato + Nastro Alluminio / Poliestere
Guaina esterna	PVC
Protezione	No

#### Caratteristiche dimensionali

Numero di coppie	2
Sezione del conduttore del cavo	0,75 mm <sup>2</sup>
Diametro nominale del conduttore del cavo	1,1 mm
Diametro nominale sull'isolante	1,58 mm
Diametro esterno min	9,6 mm
Diametro esterno max	10,6 mm
Peso approssimativo del cavo	118 kg/km

#### Caratteristiche elettriche

Tensione nominale U <sub>o</sub> /U (Um)	170/300V
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#### Caratteristiche d'utilizzo

Fuoco ritardante	EN IEC 60332-3-22 (cat A)
Resistenza all'olio	Si
Resistenza ad interferenza elettromagnetica	Si
Temperatura Operativa	-20 ... 60 °C
Temperatura massima di servizio del conduttore	90 °C
Standard	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



Tensione nominale U<sub>o</sub>/U (Um)  
170/300V



Fuoco ritardante  
EN IEC 60332-3-22 (cat A)



Resistenza all'olio  
Si



Resistenza ad interferenza elettromagnetica  
Si



Temperatura Operativa  
-20 ... 60 °C



Temp. max di servizio del conduttore  
90 °C