



**Reference:** 10193083  
**EAN 13:** 3427580556340

## CONTACT

Market information  
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- 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  $U_0/U$   
( $U_m$ )  
**170/300V**



Fuoco ritardante  
EN IEC 60332-3-22  
A)



NEXANS 279 XL  
Resistenza all'olio  
2603253-22(A) MM



NEXANS 279 XLPE/IND+OA SCR/PVC 2603323-22(A) MM YYYY Manufacturing number



NEXANS 279 XLPE/IND +QA SCR/PVC 170/300V Nber of p  
2003253-22(A) MM YYY Manufacturing number 30 + 005  
Si



NEXANS 279 XL PE/IND + OA SCR/PVC 170/300Y Nber of pairs & cross-section Cu IEC

## 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.

**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	5
Sezione del conduttore del cavo	0,5 mm <sup>2</sup>
Diametro nominale del conduttore del cavo	0,9 mm
Diametro nominale sull'isolante	1,38 mm
Diametro esterno min	11,0 mm
Diametro esterno max	12,1 mm
Peso approssimativo del cavo	170 kg/km

**Caratteristiche elettriche**

Tensione nominale U <sub>o</sub> /U (U <sub>m</sub> )	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  
(U<sub>m</sub>)  
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