



- Instrumentation cables 170/300 V
- Overall Screen (OS)
- 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.

## Design

### Conductor:

Stranded bare copper class 2

### Insulation:

Cross - linked polyethylene (XLPE)

### 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

Quad: white - black - red - blue (2 pair cables assembled as a quad)

White core printed with pair number

## Marking

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

## Standards

EN 50288 - 7 (Design guide - lines)

Reference: 10134649  
EAN 13: 3427580317002

## CONTACT

Market information  
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U<sub>o</sub>/U<sub>m</sub> (Um)  
170/300V



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

## CHARACTERISTICS

	2 ( )
	XLPE(가 )
Overall screen	Tinned copper drain wire + aluminium/polyester tape
Protection	no
Number of pairs	1
	0.5 mm <sup>2</sup>
Diameter over insulation	1.38 mm
Maximum outer diameter	5.7 mm
Minimum outer diameter	5.2 mm
	0.9 mm
( )	43 kg/km
Uo/U (Um)	170/300V
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	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



Uo/U (Um)  
170/300V



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



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90 ° C