



Reference: 10112041  
EAN 13: 3427580200359

### CONTACT

Market information  
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- Instrumentation cables 300/500 V
- XLPE insulation (Part 1)
- Unarmoured (Type 1)
- 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:

Solid, stranded or flexible bare copper

#### Insulation:

Cross - linked polyethylene (XLPE)

#### 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

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

White core printed with pair number

On request: according to PAS 5308 part 1

### Marking

NEXANS 279 XLPE/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



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

## CHARACTERISTICS

	1
	XLPE(가 )
Overall screen	Tinned copper drain wire + aluminium/polyester tape
Protection	no
	1 mm <sup>2</sup>
Number of pairs	20
	1.14 mm
Diameter over insulation	2.34 mm
Minimum outer diameter	25.3 mm
Maximum outer diameter	27.9 mm
( )	906 kg/km
Uo/U (Um)	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



Uo/U (Um)  
300/500 V



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



Oil resistance  
Yes



Electro magnetic  
interference resistance  
Yes



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- 20 ... 60 ° C



Max. conductor temp.in  
service  
90 ° C