



Reference: 10193101
EAN 13: 3427580556524

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

- 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

Marking

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



Uo/U (Um)
170/300V



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



Oil resistance
Yes



Electro magnetic
interference resistance



Operating temp.
- 20 ... 60 ° C



Max. conductor temp.in
service
90 ° C

Standards

EN 50288 - 7 (Design guide - lines)

CHARACTERISTICS

	2 ()
	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	5
	1 mm ²
	1.28 mm
Diameter over insulation	1.76 mm
Minimum outer diameter	12.9 mm
Maximum outer diameter	14.2 mm
()	245 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)



Oil resistance
Yes



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interference resistance
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- 20 ... 60 °C



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service
90 °C