



CONTACT

Market information
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- 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)



Uo/U (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	30
	2.5 mm ²
Diameter over insulation	2.57 mm
Maximum outer diameter	36.3 mm
Minimum outer diameter	32.9 mm
	1.91 mm
()	1785 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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Yes



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