



Reference: 10112037
EAN 13: 3427580200311

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_o/U (U_m)
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 ²
Number of pairs	1
	1.14 mm
Diameter over insulation	2.34 mm
Minimum outer diameter	6.8 mm
Maximum outer diameter	7.8 mm
()	75 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



Operating temp.
- 20 ... 60 ° C



Max. conductor temp.in
service
90 ° C