



- 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)



额定电压U<sub>0</sub>/U  
170/300V



阻燃  
EN IEC 60332-3-22 (cat A)



耐油  
是



抗电磁干扰  
是



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
90 ° C

Reference: 10134650  
EAN 13: 3427580317019

### CONTACT

Market information  
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## CHARACTERISTICS

## 结构特性

导体材料	裸铜线
导体类型	Stranded, class 2
绝缘	XLPE (Cross-linked Polyethylene)
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
外护套	聚氯乙烯
防护	no

## 尺寸特性

线对数	2
导线截面	0.5 mm <sup>2</sup>
绝缘外径	1.38 mm
Maximum outer diameter	6.4 mm
外径最小值	5.8 mm
导线直径	0.9 mm
近似重量	56 kg/km

## 电气特性

额定电压U <sub>0</sub> /U	170/300V
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## 使用特性

阻燃	EN IEC 60332-3-22 (cat A)
耐油	是
抗电磁干扰	是
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	90 ° C
标准	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



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