



- Instrumentation cables 170/300 V
- Overall Screen (OS)
- Oil resistant

### STANDARDS

Test IEC 60331; 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. They maintain circuit integrity when exposed to fire

### CONTACT

Market information  
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### Design

#### Conductor:

Stranded bare copper class 2

#### Insulation:

Silicone rubber (SIL)

#### Overall screen:

Polyester tape

Tinned copper drain wire,

Copper 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 SIL/OA.SCR/PVC 170/300V Nber of pairs & cross-section Cu IEC 60331  
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



耐火  
IEC 60331



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

## CHARACTERISTICS

## 结构特性

导体材料	裸铜线
导体类型	Stranded, class 2
绝缘	硅树脂橡胶
总屏蔽	Tinned copper drain wire + copper polyester tape
外护套	聚氯乙烯
防护	no

## 尺寸特性

线对数	5
导线截面	0.5 mm <sup>2</sup>
导线直径	0.9 mm
绝缘外径	2.06 mm
外径最小值	13.0 mm
Maximum outer diameter	15.1 mm
近似重量	200 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

耐火	IEC 60331
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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