



Reference: 10192983  
EAN 13: 3427580555343

### CONTACT

Market information  
industryprojects.business@lyn  
xeogroup.com

- 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 $U_0/U$   
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

## 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                    | 1                   |
| 导线截面                   | 2.5 mm <sup>2</sup> |
| 绝缘外径                   | 2.57 mm             |
| Maximum outer diameter | 8.3 mm              |
| 外径最小值                  | 7.5 mm              |
| 导线直径                   | 1.91 mm             |
| 近似重量                   | 104 kg/km           |

## 电气特性

|                       |          |
|-----------------------|----------|
| 额定电压U <sub>0</sub> /U | 170/300V |
|-----------------------|----------|

## 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



额定电压U<sub>0</sub>/U  
170/300V



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