



Reference: 10112023
EAN 13: 3427580200175

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



額定电压U₀/U
300 / 500 V



阻燃
EN IEC 60332-3-22 (cat. A)



Standards PAS 5308 Part 1/type 1 (Design guide-lines)

BS EN 60228-2005

BS EN 50290-2-29



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	Solid, Class 1
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

导线截面	0.5 mm ²
线对数	1
导线直径	0.8 mm
绝缘外径	1.8 mm
外径最小值	5.7 mm
Maximum outer diameter	6.6 mm
近似重量	54 kg/km

电气特性

额定电压U ₀ /U	300 / 500 V
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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	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



额定电压U₀/U
300 / 500 V



阻燃
EN IEC 60332-3-22 (cat A)



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