



Reference: 10168377
EAN 13: 3427580412400

CONTACT

Market information
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- 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 .They are well adapted to underground use in industrial application where chemical and mechanical protections are needed (refinery areas, chemical plan...) .

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross - linked polyethylene (XLPE)

Overall screen:

Polyester tape

Tinned copper drain wire,

Aluminium backed polyester tape

Inner sheath:

Polyvinyl chloride (PVC).

Colour : black

Armour:

Galvanized steel wires (SWA)

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/SWA/PVC 170/300V Nber of pairs & cross-section Cu IEC 60332 - 3 - 22(A) MM YYYY Manufacturing number + metric marking



U_o/U (Um)
170/300V



Mechanical resistance to impacts
Good



Standards
EN IEC 60332 - 3 - 22 (cat A)



Oil resistance
Yes



Electro magnetic interference resistance



Operating temp.
- 20 ... 60 ° C



Max. conductor temp.in service
90 ° C

EN 50288 - 7 (design guide - lines)

CHARACTERISTICS

| | |
|--|---|
| | 2 () |
| | XLPE(가) |
| Overall screen | Tinned copper drain wire + aluminium/polyester tape |
| Armour type | |
| Protection | Yes |
| Number of pairs | 5 |
| | 0.5 mm ² |
| | 0.9 mm |
| Diameter over insulation | 1.38 mm |
| Diameter over inner sheath | 9.1 mm |
| Diameter over armour | 10.9 mm |
| Minimum outer diameter | 13.3 mm |
| Maximum outer diameter | 14.6 mm |
| () | 328 kg/km |
| Uo/U (Um) | 170/300V |
| Mechanical resistance to impacts | Good |
| 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 | 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



Uo/U (Um)
170/300V



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Fire retardant
EN IEC 60332 - 3 - 22 (cat A)



Oil resistance
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Max. conductor temp.in service
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Tinned copper conductors available on request



U₀/U (Um)
170/300V



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Fire retardant
EN IEC 60332 - 3 - 22
(cat A)



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