



Reference: 10134700
EAN 13: 3427580317514

CONTACT

Market information
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- Instrumentation cables 170/300 V
- Individual & Overall Screen (IOS)
- **Oil resistant**

STANDARDS

Ensayo 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. The individual screening of each pair limits the consequence of crosstalk.**

Design

Conductor:

Stranded bare copper class 2

Insulation:

Cross-linked polyethylene (XLPE)

Individual screen:

Polyester tape

Tinned copper drain wire,

Aluminium backed polyester tape

Polyester tape

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

White core printed with pair number



Tensión nominal de servicio
 Uo/U
 170/300V



No propagador del incendio
 EN IEC 60332-3-22 (cat A)



Resistencia a aceites
 NEXANS 279 XLPE/IND+OA SCR/PVC 170/300V Nbr. of pairs & cross section Cu IEC 60332-3-22(A) MM YYYYYY



Resistencia a interferencias
 EN IEC 60332-3-22 (cat A)



Temp. ambiente de utilización
 -20 ... 60 °C



Max. conductor temp. in service
 90 °C

Standards

EN 50288-7 (Design guide-lines)

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxéo is indicative only and shall not be binding on Lynxéo or be treated as constituting a representation on the part of Lynxéo.

CHARACTERISTICS

Características de construcción

Material del conductor	Cobre desnudo
Type of conductor	Stranded, class 2
Aislamiento	XLPE
Individual screen	Tinned copper drain wire + aluminium/polyester tape
Overall screen	Tinned copper drain wire + aluminium/polyester tape
Cubierta exterior	PVC
Protección	no

Características dimensionales

Número de pares	20
Sección del conductor	1 mm ²
Diámetro del conductor	1,28 mm
Diámetro sobre aislamiento	1,76 mm
Diámetro exterior mínimo	21,2 mm
Diámetro exterior máximo	23,4 mm
Peso aproximado	742 kg/km

Características eléctricas

Tensión nominal de servicio U _o /U	170/300V
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Características de uso

No propagador del incendio	EN IEC 60332-3-22 (cat A)
Resistencia a aceites	Sí
Resistencia a interferencias electromagnéticas	Sí
Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Temperatura máxima del conductor	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

Tinned copper conductors available on request



Tensión nominal de servicio
U_o/U
170/300V



No propagador del
incendio
EN IEC 60332-3-22 (cat
A)



Resistencia a aceites
Sí



Resistencia a interferencias
electromagnéticas
Sí



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utilización
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