



- 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.**

CONTACT

Market information
industryprojects.business@lynx^{eo}
ogroup.com

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
U₀/U
170/300V



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



Marking

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



Resistencia a interferencias
Sí



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



Máx. 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 Lynx^{eo} is indicative only and shall not be binding on Lynx^{eo} or be treated as constituting a representation on the part of Lynx^{eo}.

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 eléctricas

Tensión nominal de servicio U ₀ /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

SECTION 1.0MM²

nb pairs	Conductor diam. [mm]	Diam. over insulation [mm]	Diámetro exterior mínimo [mm]	Diámetro ext. máximo [mm]	Peso aprox. [kg/km]
2	1,28	1,76	10,3	11,3	134
5	1,28	1,76	12,9	14,2	245
10	1,28	1,76	16,5	18,2	420
20	1,28	1,76	21,2	23,4	742
30	1,28	1,76	25,2	27,8	1072

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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U₀/U
170/300V



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A)



Resistencia a aceites
Sí



Resistencia a interferencias
electromagnéticas
Sí



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



Max. conductor temp.in
service
90 °C