



Reference: 10135238
EAN 13: 3427580322792

CONTACT

Market information
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- Instrumentation cables 170/300 V
- With lead cover (LC)
- Individual & Overall Screen (IOS)
- Aliphatic and aromatic hydrocarbons resistant

STANDARDS

Test IEC 60331; IEC 60332 - 3 - 22 Cat.A

APPLICATIONS

These instrumentation and communication cables are used to transmit analogue or digital signals in measurement and process control. They are well adapted to underground use in industrial applications, in moist areas, where hydrocarbon and mechanical protection are needed. The lead cover brings an enhanced resistance to aromatics hydrocarbons. The individual screening of each pair limits the consequence of crosstalk. They maintain circuit integrity when exposed to fire.

Design

Conductor:

Stranded bare copper class 2

Insulation:

Silicone rubber (Sil)

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

Inner sheath:

Low Smoke Zero Halogen (LSZH)

Colour: black

Lead sheath:

Bedding (intermediate sheath):

Polyvinyl chloride (PVC)

Colour: black

Armour:

Galvanized steel wires (SWA)

Fire resistant
IEC 60331

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

Chemical
resistance
Aliphatic and
aromatic
hydrocarbons
resistant

Electro magnetic
interference
resistance
Yes

Operating temp.
- 20 ... 60 ° C

Max. conductor
temp. in service
90 ° C

Polyvinyl chloride (PVC)

Colour: black

Outer sheath:

Polyvinyl chloride (PVC)

Colour: black

All changes on request. All dimensions, drawings, 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}.

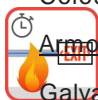
Core identification
Pair: white - black



Uo/U
170/300V



Mechanical
resistance to
impacts
Good



Fire resistant
IEC 60331



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



Chemical
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Aliphatic and
aromatic
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Electro magnetic
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resistance
Yes



Operating temp.
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Max. conductor
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CHARACTERISTICS

2 ()

Individual screen	Tinned copper drain wire + aluminium/polyester tape
Overall screen	Tinned copper drain wire + aluminium/polyester tape Low smoke, zero halogen thermoplastic compound
Lead Sheath	Yes
Intermediate sheath	PVC
Armour type	
Protection	Yes
Number of pairs	2
	0.75 mm ²
	1.1 mm
Diameter over insulation	2.26 mm
Diameter over inner sheath	10.8 mm
Diameter over lead sheath	12.8 mm
Diameter over intermediate sheath	14.8 mm
Diameter over armour	16.6 mm
Minimum outer diameter	18.0 mm
Maximum outer diameter	21.0 mm
()	956 kg/km
Uo/U (Um)	170/300V
Mechanical resistance to impacts	Good
Fire resistant	IEC 60331
Fire retardant	EN IEC 60332 - 3 - 22 (cat A)
Chemical resistance	Aliphatic and aromatic hydrocarbons resistant
Electro magnetic interference resistance	Yes
操作度范	- 20 ... 60 ° C
Max. conductor temperature in service	90 ° C
Standard	EN



Uo/U
(Um)
170/300V



Mechanical
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impacts
Good



Fire resistant
IEC 60331



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



Chemical
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Aliphatic and
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resistant



Electro magnetic
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resistance
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Max. conductor
temp. in service
90 ° C

SELLING AND DELIVERY INFORMATION

Other fire performances IEC 60332 - 1 or IEC 60332 - 3 - 24(C) on request.

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

Tinned copper conductors available on request



Uo/U
(Um)
170/300V



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Fire resistant
IEC 60331



Fire retardant
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