



Reference: 10098162  
EAN 13: 3427580121531

### CONTACT

Market information  
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- Instrumentation cables 300 V
- Individual & Overall Screen (10S)
- Low smoke, low halogen (LSLH)
- Oil resistant

### STANDARDS

Product IEC 60228

Test IEC 60332-3-22 Cat.A; IEC 60754; IEC 61034

### APPLICATIONS

These cables are intended for transmission of analogue and digital signals. They allow transmission over long distances at high pulse rates. The individual screening of each pair limits the consequences of crosstalk. These cables are used in industrial installations such as refineries, chemical plants etc...

### Design

#### Conductor:

Stranded bare copper (class 2)

#### Insulation:

Polyethylene (PE)

#### Individual screen:

Tinned copper drain wire

Aluminium/polyester tape

#### Overall screen:

Tinned copper drain wire

Aluminium/polyester tape

#### Outer sheath:

Polyvinyl chloride (PVC)

Special low smoke, low halogen (LSLH)

Colour: black or blue

Fire retardant: IEC 60332-3-22(A), limiting oxygen index > 30 as par ASTM D 2863

Low smoke: IEC 61034-2, transmittance > 40 %

Low halogen: IEC 60754-1 HCL < 6 %

### Core identification



导线柔软度  
绞和等级2



阻燃  
EN IEC 60332-3-22 (Cat A)



耐油  
ASTM D 1047



烟密度  
低



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
70 ° C

Pair: Black/white  
For multipair White core printed with pair number

GORSE YYYY RE - 2Y(St)Y - fl PiMF LSLH 300V Nber of pairs & cross-section IEC 60332-3-22 (A) + metric marking

### Désignation

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 of the product of Lynxéo.

(St): Collective screen

Y: PVC sheath

## CHARACTERISTICS

### 结构特性

|       |   |
|-------|---|
| 导体材料  | 裸铜线   |
| 导线柔软度 | 绞和等级2   |
| 绝缘    | 聚乙烯   |
| 线对屏蔽  | Tinned copper drain wire + aluminium/polyester tape |
| 总屏蔽   | Tinned copper drain wire + aluminium/polyester tape |
| 外护套   | 聚氯乙烯  |
| 护套颜色  | 黑   |

### 尺寸特性

|                        |                      |
|------------------------|----------------------|
| 导线截面                   | 1.34 mm <sup>2</sup> |
| 线对数                    | 8                    |
| 外径最小值                  | 16.8 mm              |
| Maximum outer diameter | 18.5 mm              |
| 近似重量                   | 461 kg/km            |

### 电气特性

|      |       |
|------|-------|
| 工作电压 | 300 V |
|------|-------|

### 使用特性

|          |                           |
|----------|---------------------------|
| 阻燃       | EN IEC 60332-3-22 (cat A) |
| 耐油       | ASTM D 1047               |
| 烟密度      | 低                         |
| 操作温度范围   | -20 ... 60 ° C            |
| 芯线最高静止温度 | 70 ° C                    |
| 标准       | EN                        |

## ELECTRICAL CHARACTERISTICS

### Electrical data AT 20°C

| Cables (mm <sup>2</sup> ) | Conductor Resistance max. (Ohm / km) | Insulation Resistance min. (Mohm.km) | Mutual Capacitance at 800 Hz maximum (nF / km) | L/R ratio max (pH / ohm) | Test Voltage (core/core) (V) |
|---------------------------|--------------------------------------|--------------------------------------|--|--------------------------|------------------------------|
| 0.5                       | 36.7                                 | 5 000                                | 115  | 25                       | 2 000                        |
| 0.75                      | 24.9                                 | 5 000                                | 115  | 25                       | 2 000                        |
| 1.34                      | 14.2                                 | 5 000                                | 115  | 40                       | 2 000                        |



导线柔软度  
绞和等级2



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耐油  
ASTM D 1047



烟密度  
低



操作温度  
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芯线最高静止温度  
70 ° C

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter  
To be doubled during laying operations



导线柔软度  
绞和等级2



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