



Reference: 10098180  
EAN 13: 3427580121739

### CONTACT

Market information  
industryprojects.business@lynxgroup.com  
xeogroup.com

- Instrumentation cables 300 V
- Overall screen (OS)
- 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. These cables are used in industrial installations (refineries, chemical plants, etc...) where there is a potential risk of mechanical damage.

### Design

#### Conductor:

Stranded bare copper (class 2)

#### Insulation:

Polyethylene (PE)

#### Overall screen:

Tinned copper drain wire

Aluminium/polyester tape

#### Inner sheath:

Polyvinyl chloride (PVC)

Colour: black

#### Armour:

Galvanized steel wires (SWA)

#### 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

阻燃 EN IEC 60332-3-22 (Cat. A)  
耐油 ASTM D 1047  
Pair Black/white

烟密度低

操作温度 -20 ... 60 ° C

芯线最高静止温度 70 ° C



导线柔软度  
绞和等级2



机械耐冲击性能  
好



Triple: Black/white/red

For multipair White core printed with pair number

### Marking

All marking designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx<sup>eo</sup> is intended to be used and shall not be substituted by any other marking or representation on the part of Lynx<sup>eo</sup>.  
RE-2Y(St) YSWAY – fl OS Armoured LSLH 300V number of pairs & cross-section IEC 60332-3-22(A) metric marking

## 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
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
内护套	聚氯乙烯
铠装类型	镀锌钢丝
外护套	聚氯乙烯
护套颜色	黑

## 尺寸特性

线对数	4
导线截面	0.75 mm <sup>2</sup>
Diameter over inner sheath	10.5 mm
铠装外径	12.3 mm
外径最小值	14.6 mm
Maximum outer diameter	16.2 mm
近似重量	411 kg/km
三线组数	-

## 电气特性

工作电压	300 V
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## 机械特性

机械耐冲击性能	好
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## 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

导线柔软度  
绞和等级2机械耐冲击性能  
好阻燃  
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

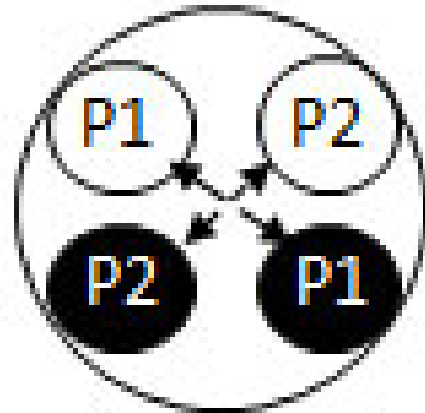
ELECTRICAL CHARACTERISTICS AT 20° C

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 (µH / ohm)	Test Voltage (core/core) (V)
			Single pair	Up to 4 pairs	Above 4 pairs		
0.5	36.7	5 000	115	95	80	25	2 000
0.75	24.9	5 000	115	95	80	25	2 000
1.34	14.2	5 000	115	95	80	40	2 000

CORE IDENTIFICATION FOR 2 PAIR CABLES

2 pairs: black P1 - black P2  
 white P1 - white P2



SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter  
 To be doubled during laying operations

2 pair cables are assembled as a quad (black and white cores both printed with pair number)



导线柔软度  
 绞和等级2



机械耐冲击性能  
 好



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