



**Reference:** 10554367

**Country Ref.:** 13-MYF17Z12P-V1

**EAN 13:** 8054803097769

#### CONTACT

Market information  
[industryprojects.business@lynxogroup.com](mailto:industryprojects.business@lynxogroup.com)

encoder cables with Polyolefin insulation and PUR Jacket UL-CSA approved

#### STANDARDS

**Product** UL and CSA approval

#### DESIGN

##### Insulation colour code:

##### **1x2x0.18 mmq:**

Brown + White

##### **5x0.5 mmq:**

Blue + Pink + Green + Yellow + Grey

##### **2x2x0.18 mmq :**

(Brown + White) + (Violet + Black)

##### **5x0.5 mmq:**

Blue + Pink + Green + Yellow + Grey

##### **4x2x0.22 mmq:**

(Brown + Black) + (Brown/Red)

(Yellow + Black) + (Yellow/Red)

(Green/Black) + (Green/Red)

(Grey/Black) + (Grey/Red)

##### **2x0.5 mmq:**

Brown + Yellow

##### **3x2x0.18 mmq:**

(Red + White) + (Red + Black)

(Black + White)

##### **6x0.5 mmq:**

3 x Red num. 4-6 + 3 x Black num. 1-3

##### **5x2x0.18 mmq:**

(Black + Orange) + (Black + Grey)

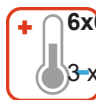
(White + Yellow) + (White + Grey) + (White + Brown)



Halogen free  
Yes



Storage temperature, range  
-50 ... 80 °C



Operating temp.  
-20 ... 80 °C



Oil resistance  
EN 50363-10-2



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1



**6x0.5 mmq:**  
3 x Red num. 4-6 + 3 x Black num. 1-3

**CHARACTERISTICS**

**Construction characteristics**

Construction type	(3x2x0.18+6x1)C
Conductor material	Tinned copper
Insulation	Polyolefin
Insulation colour	See Tab
Lay Up	Please request detailed data sheet
Taping	Non woven tape
Shielding	80% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

**Dimensional characteristics**

Nominal outer diameter	8.7 mm
Copper content	88 kg/km
Approximate weight	129 kg/km

**Electrical characteristics**

Rated Voltage Uo/U	300 V
Test voltage	1500 V

**Mechanical characteristics**

Speed	220 m/min
Maximum acceleration	12 m/s <sup>2</sup>
Bending cycles	10 Mio.

**Usage characteristics**

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Storage temperature, range	-50 ... 80 °C
Operating temperature, range	-20 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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