



**Reference:** 10554368

**Country Ref.:** 13-MYF21Z07P-V1

**EAN 13:** 8054803097745

### CONTACT

Market information  
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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)

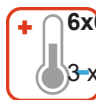
(White + Yellow) + (White + Grey) + (White + Brown)



Halogen free  
Yes



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



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

Operating temp.  
-20 ... 80 °C



Oil resistance  
EN 50363-10-2



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

### CHARACTERISTICS

#### Construction characteristics

Construction type	(1x2x0.18+5x0.5)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	7.6 mm
Copper content	45 kg/km
Approximate weight	83 kg/km

#### Electrical characteristics

Rated Voltage U <sub>0</sub> /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



Halogen free  
Yes



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Oil resistance  
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