



Reference: 10554370

Country Ref.: 13-MYF21Z09P-V1

EAN 13: 8054803097707

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



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	(2x2x0.18+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	7.7 mm
Copper content	47 kg/km
Approximate weight	83 kg/km

Electrical characteristics

Rated Voltage U ₀ /U	300 V
Test voltage	1500 V

Mechanical characteristics

Speed	220 m/min
Maximum acceleration	12 m/s ²
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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