



**Reference:** 10554333  
**Country Ref.:** 13-MY21Z08P-V2  
**EAN 13:** 8054803098445

#### CONTACT

Market information  
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Measuring systems cables according to Heidenhain standard for dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen-free

#### STANDARDS

**Product** UL and CSA approval

#### NORMATIVE REFERENCES:

**UL-CSA approval**

**Oil resistance:**

IEC 50363-10-2

**Flame retardant:**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

## CHARACTERISTICS

### Construction characteristics

Conductor material	Tinned copper
Construction type	(3x(2x0.14)C+2x(0.5)C)C
Insulation	TPE-E
Insulation colour	See Tab
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

### Dimensional characteristics

Nominal outer diameter	8.3 mm
Copper content	64 kg/km



Halogen free  
Yes



Storage temperature, range  
-40 ... 80 °C



Operating temp.  
-30 ... 80 °C



Oil resistance  
EN 50363-10-2



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

### Dimensional characteristics

Approximate weight 129 kg/km

### Electrical characteristics

Rated Voltage U<sub>0</sub>/U 30 V

Test voltage 1500 V

### Mechanical characteristics

Maximum acceleration 20 m/s<sup>2</sup>

Bending cycles 5 Mio.

Speed 240 m/min

### Usage characteristics

Field of application Dynamic

Minimum dynamic operating bending radius 10 (xD)

Storage temperature, range -40 ... 80 °C

Operating temperature, range -30 ... 80 °C

Oil resistance EN 50363-10-2

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



Halogen free  
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Oil resistance  
EN 50363-10-2



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