



## 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
Insulation	TPE-E
Insulation colour	See Tab
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Halogen free	Yes

### Electrical characteristics

Rated Voltage U <sub>o</sub> /U	30 V
Test voltage	1500 V

### Mechanical characteristics

Maximum acceleration	20 m/s <sup>2</sup>
Bending cycles	5 Mio.



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

### Mechanical characteristics

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

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Sheath colour	Nominal outer diameter [mm]
10554327	13-MY17Z08P	13-MY (3x(2x0.14)C+2x(1)C)C	(3x(2x0.14)C+2x(1)C)C	Black	9.1
10554330	13-MY21Z08P	13-MY (3x(2x0.14)C+2x(0.5)C)C	(3x(2x0.14)C+2x(0.5)C)C	Black	8.3
10554274	13-MY21Z12P-N1	13-MY (4x2x0.14+4x0.5)C Black	(4x2x0.14+4x0.5)C	Black	8.5
10554277	13-MY21Z12P-V1	13-MY (4x2x0.14+4x0.5)C Green	(4x2x0.14+4x0.5)C	Green RAL 6018	8.5
10554279	13-MY21Z16P-N1	13-MY (4x2x0.14+4x0.5+(4x0.14)C)C	(4x2x0.14+4x0.5+(4x0.14)C)C	Black	8.3
10554333	13-MY21Z08P-V2	13-MY (3x(2x0.14)C+2x(0.5)C)C Green	(3x(2x0.14)C+2x(0.5)C)C	Green RAL 6018	8.3

= Make to order, = In stock,



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