



**Reference:** 13-MYI17Z16R-A1  
**Country Ref.:** 13-MYI17Z16R-A1

### CONTACT

Market information  
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Measuring systems cables according to BOSCH REXROTH standard for dynamic applications, PVC jacket, shielded, resistant to oils, flame retardant

### STANDARDS

**Product** UL and CSA approval

#### Normative Reference

**UL Recognized / CSA**  
 AWM 80°C - 300V  
 AWM 75°C - 300V FT1

#### **Oil Resistance:**

EN 50363-4-1

#### **Flame Retardant**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

## CHARACTERISTICS

### Construction characteristics

Construction type	(4x1+4x(2x0.14)C+4x0.14)C
Conductor material	Stranded tinned copper
Insulation	Polyolefin
Insulation colour	See Tab
Lay Up	Please request detailed data sheet
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

### Dimensional characteristics

Nominal outer diameter	9.5 mm
Copper content	91 kg/km



Operating temp.  
-20 ... 80 °C



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



Oil resistance  
EN 50363-4-1



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

**Dimensional characteristics**

Approximate weight 157 kg/km

**Electrical characteristics**

Rated Voltage U<sub>o</sub>/U 300 V

Test voltage 1500 V

**Mechanical characteristics**

Maximum acceleration 10 m/s<sup>2</sup>

Bending cycles 5 Mio.

Speed 180 m/min

**Usage characteristics**

Field of application Dynamic

Minimum dynamic operating bending radius 10 (xD)

Operating temperature, range -20 ... 80 °C

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

Oil resistance EN 50363-4-1

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Oil resistance  
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