



**Reference:** 13-MYI17Z11R  
**Country Ref.:** 13-MYI17Z11R

**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	(2x1+3x(2x0.25)C+3x0.25)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	9.2 mm
Copper content	77 kg/km
Approximate weight	120 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

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



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