



**Reference:** 10554387  
**Country Ref.:** 13-MYI17Z10R-A1  
**EAN 13:** 8054803097363

#### CONTACT

Market information  
[industryprojects.business@lynxogroup.com](mailto:industryprojects.business@lynxogroup.com)

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	(4x2x0.25+2x1)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	8.8 mm
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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

Copper content	74 kg/km
Approximate weight	120 kg/km

#### Electrical characteristics

Rated Voltage U <sub>0</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