



**Reference:** 10555735  
**Country Ref.:** 13-MYI17Z16P-A5  
**EAN 13:** 8054803070489

#### CONTACT

Market information  
 industryprojects.business@lynxogroup.com

Measuring systems cables according to BOSCH REXROTH standard for extremely dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen-free

#### STANDARDS

**Product** UL and CSA approval

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

**Oil Resistance:**

IEC 50363-10-2

**Flame Retardant**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

**Toxicity:**

Halogen free

### 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	PUR
Sheath colour	Orange RAL 2003
Halogen free	Yes



Halogen free  
Yes



Operating temp.  
-30 ... 80 °C



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



Oil resistance  
EN 50363-10-2



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

#### Dimensional characteristics

Nominal outer diameter	9.7 mm
Copper content	91 kg/km
Approximate weight	- kg/km

#### Electrical characteristics

Rated Voltage U <sub>o</sub> /U	300 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	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



Halogen free  
Yes



Operating temp.  
-30 ... 80 °C



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



Oil resistance  
EN 50363-10-2



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