



Reference: 13-MYI21Z10R-A1
Country Ref.: 13-MYI21Z10R-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	(4x2x0.25+2x0.5)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	8.5 mm
Copper content	70 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 100 kg/km

Electrical characteristics

Rated Voltage U_o/U 300 V

Test voltage 1500 V

Mechanical characteristics

Maximum acceleration 10 m/s²

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