



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

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

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

Dimensional characteristics

Approximate weight	- kg/km
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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

Electrical characteristics

Rated Voltage Uo/U	300 V
Test voltage	1500 V

Mechanical characteristics

Maximum acceleration	20 m/s ²
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

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
10554384	13-MYI17Z10P	13-MYI (4x2x0,25 +2x1)C	(4x2x0.25+2x1)C	8.8	74
10554394	13-MYI21Z10P	13-MYI (4x2x0,25 +2x0,50)C	(4x2x0.25+2x0.5)C	8.5	70
10554389	13-MYI21X09P	13-MYI (9x0.5)C	(9x0.5)C	8.8	75
10555735	13-MYI17Z16P-A5	13-MYI (4x1+4x(2x0.14)C +4x0.14)C	(4x1+4x(2x0.14)C+4x0.14)C	9.7	91
13-MYI17Z11P-A1	13-MYI17Z11P-A1	13-MYI (2x1+3x(2x0.25)C +3x0.25)C	(2x1+3x(2x0.25)C+3x0.25)C	10.0	77

= Make to order, = In stock,



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