



CONTACT

Market information
 industryprojects.business@lynxgroup.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

| | |
|--------------------|------------------------------------|
| 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 |
|--------------------|---------|



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



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Storage temperature, range
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Oil resistance
EN 50363-10-2



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