



Reference: 10554389
Country Ref.: 13-MYI21X09P
EAN 13: 8054803097325

CONTACT

Market information
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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 | (9x0.5)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 | 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 | 8.8 mm |
| Copper content | 75 kg/km |
| Approximate weight | - kg/km |

Electrical characteristics

| | |
|---------------------------------|--------|
| Rated Voltage U _o /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 |



Halogen free
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Oil resistance
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