



Reference: 13-MYE21Z08P-V1

Country Ref.: 13-MYE21Z08P-V1

CONTACT

Market information
industryprojects.business@lynxogroup.com

Measuring systems cables according to Lenze standard for dynamic applications, PUR jacket, resistant to oils, flame retardant, halogen-free

STANDARDS

Product UL and CSA approval

Design

Pair 0.14 mmq

Voltage Rate U=300V (UL/CSA)

Conductor: Bare copper

Insulation: Polyethylene

Twisted pairs colour: Black + Yellow; Black + Green; Black + Red

Taping: Non hygroscopic tape

Shield: Tinned copper braid cov. 75%

Overall Tape: Non hygroscopic tape

Triad 0.14 mmq

Voltage rate U=300V (UL/CSA)

Conductor: Bare copper

Insulation: Polyethylene

Twisted pair colour; Pink, Black, Grey

Taping: Non hygroscopic tape

Shield: Tinned copper braid cov. 75%

Overall tape: Non hygroscopic tape



Halogen free
Yes



Operating temp.
-20 ... 80 °C



Storage temperature, range
-50 ... 80 °C



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



Oil resistance
EN 50363-10-2

CHARACTERISTICS**Construction characteristics**

| | |
|--------------------|------------------------------------|
| Construction type | 3x(2x0.14)C+2x(0.5)C |
| Conductor material | Bare copper |
| Insulation | Polyolefin |
| Insulation colour | See Tab |
| Individual screen | Tinned copper braid |
| Lay Up | Please request detailed data sheet |
| Taping | Non woven tape |
| Outer sheath | PUR |
| Sheath colour | Green RAL 6018 |
| Halogen free | Yes |

Dimensional characteristics

| | |
|------------------------|-----------|
| Nominal outer diameter | 9.8 mm |
| Approximate weight | 107 kg/km |
| Copper content | 44 kg/km |

Electrical characteristics

| | |
|---------------------------------|--------|
| Rated Voltage U _o /U | 300 V |
| Test voltage | 1500 V |

Mechanical characteristics

| | |
|----------------------|---------------------|
| Speed | 180 m/min |
| Maximum acceleration | 10 m/s ² |
| Bending cycles | 5 Mio. |

Usage characteristics

| | |
|--|------------------------------------|
| Field of application | Dynamic |
| Minimum dynamic operating bending radius | 15 (xD) |
| Operating temperature, range | -20 ... 80 °C |
| Storage temperature, range | -50 ... 80 °C |
| Flame retardant | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |
| Oil resistance | EN 50363-10-2 |