



Country Ref.: 13-EBE13Z06P-A1

CONTACT

Market information
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servo cables according to Lenze standard for dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant

STANDARDS

Producto UL and CSA approval

DESIGN

Conductor
Bare copper
Core insulation
from 1 to 2,5 mm²:
Polyolefin
from 4 to 10 mm²:
Polyester
Core stranding
Power cores and
signal pair stranded
with fillers
Core identification
Power: Black num
+ Yellow/Green
Signal: Black + White
Shield
Total shield:
Tinned copper braid,
coverage >= 80%
Jacket
PUR
Colour:
Orange RAL 2003

NORMATIVE REFERENCES

Oil resistant

IEC 50363-4-1

Flame retardant

IEC 60331-1-2; FT1; UL 1581; EN 50265-2-1



Libre de halógenos
Si



Temp. ambiente de utilización
-5 ... 80 °C



Temperatura de almacenamiento (rango)
-30 ... 80 °C



Resistencia a aceites
EN 50363-10-2



No propagación de la llama
IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS

Características de construcción

| | |
|------------------------|--|
| Material del conductor | Cobre desnudo |
| Construction type | (4G2.5 + (2x0.5)C)C |
| Aislamiento | Polyolefin |
| Insulation colour | Power: Black num 1-3 + Green/Yellow; Signal: Black-White |
| Formación | power cores and control pairs stranded with filler |
| Taping | Non woven tape |
| Shielding | 80% tinned copper braid coverage |
| Cubierta exterior | PUR |
| Color de cubierta | Orange RAL 2003 |
| Libre de halógenos | Sí |

Características dimensionales

| | |
|--------------------|-----------|
| Diámetro exterior | 13,2 mm |
| Contenido de cobre | 153 kg/km |
| Peso aproximado | 246 kg/km |

Características eléctricas

| | |
|---------------------------------|----------|
| Rated Voltage U ₀ /U | 0.6/1 kV |
| Test voltage | 4000 V |

Características mecánicas

| | |
|----------------------|---------------------|
| Bending cycles | 2.5 Mio. |
| Speed | 180 m/min |
| Maximum acceleration | 10 m/s ² |

Características de uso

| | |
|---|------------------------------------|
| Campo de aplicación | Dynamic |
| Temperatura ambiente de utilización (rango) | -5 ... 80 °C |
| Temperatura de almacenamiento (rango) | -30 ... 80 °C |
| Minimum dynamic operating bending radius | 10 (xD) |
| Resistencia a aceites | EN 50363-10-2 |
| No propagación de la llama | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |