



Reference: 10552703
Country Ref.: 13-EBE15Z06P-A1
EAN 13: 8054803128067

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

Product 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



Halogen free
 Yes



Operating temp.
 -5 ... 80 °C



Storage temperature, range
 -30 ... 80 °C



Oil resistance
 EN 50363-10-2



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

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Construction type	(4G1.5 + (2x0.5)C)C
Insulation	Polyolefin
Insulation colour	Power: Black num 1-3 + Green/Yellow; Signal: Black-White
Lay Up	power cores and control pairs stranded with filler
Taping	Non woven tape
Shielding	80% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Orange RAL 2003
Halogen free	Yes

Dimensional characteristics

Outer Diameter	11.5 mm
Copper content	106 kg/km
Approximate weight	186 kg/km

Electrical characteristics

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

Mechanical characteristics

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

Usage characteristics

Field of application	Dynamic
Operating temperature, range	-5 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Minimum dynamic operating bending radius	10 (xD)
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1