



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



Operating temp.
-5 ... 80 °C



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



Oil resistance
EN 50363 - 10 - 2



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

CHARACTERISTICS

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
Sheath colour	PUR Orange RAL 2003
Halogen free	
Rated Voltage Uo/U	0.6/1 kV 4000 V
Bending cycles	2.5 Mio.
Speed	180 m/min
Maximum acceleration	10 m/s ²
Field of application	Dynamic
操作度范	- 5 ... 80 °C
Storage temperature, range	- 30 ... 80 °C
Minimum dynamic operating bending radius	10 (xD)
Oil resistance	EN 50363 - 10 - 2 IEC/EN 60332 - 1 - 2; FT1; UL 1581 FT1

PRODUCT LIST

Reference	Country Ref.	Name	[mm]
☎ 10552707	13 - EBE17Z06P - A1	(4G1,0 + (2x0,5)C)C (4G1 + (2x0.5)C)C	10
☎ 10552703	13 - EBE15Z06P - A1	(4G1,5 + (2x0,5)C)C (4G1.5 + (2x0.5)C)C	11.5
☎	13 - EBE13Z06P - A1	(4G2,5 + (2x0,5)C)C (4G2.5 + (2x0.5)C)C	13.2
☎	13 - EBE11Z06P - A1	(4G4 + (2x1,0)C)C (4G4 + (2x1.0)C)C Polyester	14.6
☎	13 - EBE09Z06P - A1	(4G6 + (2x1,0)C)C (4G6 + (2x1.0)C)C Polyester	16.8
☎	13 - EBE07Z06P - A1	(4G10 + (2x1,0)C)C (4G10 + (2x1.0)C)C Polyester	20.1

☎ = Make to order, ☒ = In stock,