



Country Ref. : 13-EBE13Z06P-A1

CONTACT

Market information
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servo cables according to Lenze standard for dynamic applicatios, 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



无卤
是



操作温度
-5 ... 80 ° C



存储温度范围
-30 ... 80 ° C



耐油
EN 50363-10-2



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

CHARACTERISTICS

结构特性

导体材料	裸铜线
结构类型	(4G2.5 + (2x0.5)C)C
绝缘	聚烯烃
绝缘色	Power: Black num 1-3 + Green/Yellow; Signal: Black-White
绞合	power cores and control pairs stranded with filler
Taping	Non woven tape
屏蔽	80% tinned copper braid coverage
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

尺寸特性

外径	13.2 mm
铜含量	153 kg/km
近似重量	246 kg/km

电气特性

Rated Voltage U ₀ /U	0.6/1 kV
测试电压	4000 V

机械特性

弯曲循环	2.5 Mio.
速度	180 m/min
Maximum acceleration	10 m/s ²

使用特性

应用类型	动态
操作温度范围	-5 ... 80 °C
存储温度范围	-30 ... 80 °C
最小弯曲半径 – 动态	10 (xD)
耐油	EN 50363-10-2
阻燃 – 火焰	IEC/EN 60332-1-2; FT1; UL 1581 FT1