



Servo cables for extremely dynamic applications with control pair MOTIONLINE® PREMIUM

STANDARDS

Product UL and CSA approval

Servo cables with control pair for extremely dynamic applications; PUR jacket, TPE inner jacket, screened, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC- and halogen-free.

Reference: 49495360

CONTACT

Market information
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无卤
是



操作温度
-30 ... 80 ° C



存储温度范围
-50 ... 80 ° C



阻燃 - 火焰
IEC 60332-1-2; UL 1581 FT1



耐油
DIN EN 50363-10-2 & DIN EN 60811-404

CHARACTERISTICS

结构特性

结构类型	(4G6 + (2x1.5)C)C
导体材料	Bending-resistant conductor with bare copper wires
绝缘	TPM with very low capacitance
绞合	power cores and control pairs stranded with filler
绝缘色	Power: Black - White marking U/L1/C/L+ V/L2 W/L3/D/L- Yellow/ Green; Signal: Black+White
线对屏蔽	Signal shield: Tinned copper braid, coverage $\geq 80\%$
屏蔽	Tinned copper braid, coverage $\geq 80\%$
内护套	TPE compound, optimized for drag chain use
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

尺寸特性

外径	18 mm
铜含量	346 kg/km
近似重量	527 kg/km

电气特性

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

机械特性

弯曲循环	10 Mio.
速度	300 m/min
Maximum acceleration	50 m/s ²

使用特性

应用类型	动态
最小弯曲半径 - 动态	7.5 (xD)
操作温度范围	-30 ... 80 °C
存储温度范围	-50 ... 80 °C
阻燃 - 火焰	IEC 60332-1-2; UL 1581 FT1
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