



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; screened, resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC- and halogen-free.

Reference: 49494761

Country Ref.: 6FX8008-1BA35-Plus

### 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	(4G35 + (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 >=80%
屏蔽	Tinned copper braid, coverage ≥ 85%
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

## 尺寸特性

外径	30.1 mm
铜含量	1438 kg/km
近似重量	1828 kg/km

## 电气特性

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

## 机械特性

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

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