



Servo cables for extremely dynamic applications. MOTIONLINE® PREMIUM

### STANDARDS

Product UL and CSA approval

Servo cables 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.

### CONTACT

Market information  
industryprojects.business@lyn  
xeogroup.com



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

导体材料	Bending-resistant conductor with bare copper wires
绝缘	TPM with very low capacitance
绞合	Power cores stranded with filler
绝缘色	Black - white marking U/L1/C/L + V/L2 W/L3/D/L - Yellow/ Green
屏蔽	Tinned copper braid, coverage $\geq$ 85%
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

### 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

## PRODUCT LIST

Reference	Country Ref.	Name	结构类型	外径 [mm]	铜含量 [kg/km]
☎ 49493061	6FX8008-1BB11-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G1,5)C	4G1.5 C	8.9	80
☎ 49493161	6FX8008-1BB21-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G2,5)C	4G2.5 C	10.5	123
☎ 49493261	6FX8008-1BB31-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G4)C	4G4 C	12.2	189
☎ 49493361	6FX8008-1BB41-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G6)C	4G6 C	14.4	265
☎ 49493461	6FX8008-1BB51-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G10)C	4G10 C	17.9	455
☎ 49493561	6FX8008-1BB61-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G16)C	4G16 C	21.2	720
☎ 49493661	6FX8008-1BB25-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G25)C	4G25 C	25.5	1110
☎ 49493761	6FX8008-1BB35-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G35)C	4G35 C	29.4	1510
☎ 49493861	6FX8008-1BB50-Plus	SERVO CABLE ACC. TO SIEMENS STANDARD (4G50)C	4G50 C	34.7	2150

☎ = Make to order, 📦 = In stock,