



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.

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 and control pairs stranded with filler
绝缘色	Power: Black - White marking U/L1/G/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 $\geq 85\%$
外护套	PUR
护套颜色	Orange RAL 2003
无卤	是

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	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
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]
☎ 49494061	6FX8008-1BA11-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G1,5 + (2x1,5) C) C	(4G1.5 + (2x1.5) C) C	11.6	138
☎ 49494161	6FX8008-1BA21-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G2,5 + (2x1,5) C) C	(4G2.5 + (2x1.5) C) C	13.3	182
☎ 49494261	6FX8008-1BA31-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G4 + (2x1,5) C) C	(4G4 + (2x1.5) C) C	14.5	246
☎ 49494361	6FX8008-1BA41-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G6 + (2x1,5) C) C	(4G6 + (2x1.5) C) C	16.6	335
☎ 49494461	6FX8008-1BA51-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G10 + (2x1,5) C) C	(4G10 + (2x1.5) C) C	19.1	511
☎ 49494561	6FX8008-1BA61-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G16 + (2x1,5) C) C	(4G16 + (2x1.5) C) C	22.6	783
☎ 49494661	6FX8008-1BA25-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G25 + (2x1,5) C) C	(4G25 + (2x1.5) C) C	26.8	1070

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	结构类型	外径 [mm]	铜含量 [kg/km]
☎ 49494761	6FX8008-1BA35-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G35 + (2x1, 5) C) C	(4G35 + (2x1.5) C) C	30.1	1438
☎ 49494861	6FX8008-1BA50-Plus	SERVO CABLE ACC TO SIEMENS STANDARD (4G50 + (2x1, 5) C) C	(4G50 + (2x1.5) C) C	34.6	2030

☎ = Make to order, 📦 = In stock,