



Servo cables for extremely dynamic applications with star quad MOTIONLINE® PREMIUM

STANDARDS

Product UL and GSA approval

Servo cables with star-quad 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.

CONTACT

Market information
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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: 3 black cores with marking, 1 core green-yellow C/L+ // V/L2 // W/L3/D/L- // Ye/Gn Star-quad: black - white - red - yellow
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

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	5 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]
☎	49471060	-	SERVO CABLE WITH INNER JACKET (4G6+ (4x0, 5) C) C	(4G6, 0+ (4x0, 5) C) C	17.4	335
☎	49471160	-	SERVO CABLE WITH INNER JACKET (4G10+ (4x0, 5) C) C	(4G10, 0+ (4x0, 5) C) C	20.4	518
☎	49471260	-	SERVO CABLE WITH INNER JACKET (4G16+ (4x0, 5) C) C	(4G16, 0+ (4x0, 5) C) C	22.5	750
☎	49470760	-	SERVO CABLE WITH INNER JACKET (4G1, 5+ (4x0, 5) C) C	(4G1, 5+ (4x0, 5) C) C	12.4	131
☎	49470860	-	SERVO CABLE WITH INNER JACKET (4G2, 5+ (4x0, 5) C) C	(4G2, 5+ (4x0, 5) C) C	13.9	174
☎	49470960	-	SERVO CABLE WITH INNER JACKET (4G4+ (4x0, 5) C) C	(4G4, 0+ (4x0, 5) C) C	15.7	260

☎ = Make to order, 📦 = In stock,