



Reference: 49495060

CONTACT

Market information
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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.



Halogen free



Operating temp.
-30 ... 80 °C



Storage temperature, range
-50 ... 80 °C



Oil resistance
IEC 60332 - 1 - 2; UL 1581 FT1
DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404



CHARACTERISTICS

	(4G1.5 + (2x1.5)C)C
	Bending - resistant conductor with bare copper wires
	TPM with very low capacitance
Lay Up	power cores and control pairs stranded with filler
Insulation colour	Power: Black - White marking U/L1/C/L+ V/L2 W/L3/D/L - Yellow/Green; Signal: Black+White
Individual screen	Signal shield: Tinned copper braid, coverage > =80%
	Tinned copper braid, coverage 80%
	TPE compound, optimized for drag chain use
	PUR
Sheath colour	Orange RAL 2003
Halogen free	
	13.1 mm
Copper content	143 kg/km
()	251 kg/km
	4000 V
Rated Voltage Uo/U	0.6/1 kV
Bending cycles	10 Mio.
Speed	300 m/min
Maximum acceleration	50 m/s ²
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
操作度范	- 30 ... 80 ° C
Storage temperature, range	- 50 ... 80 ° C
	IEC 60332 - 1 - 2; UL 1581 FT1
Oil resistance	DIN EN 50363 - 10 - 2 & DIN EN 60811 - 404