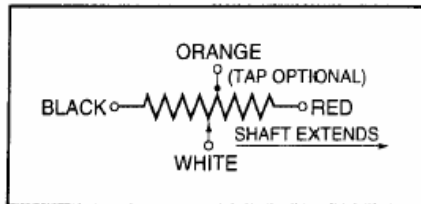
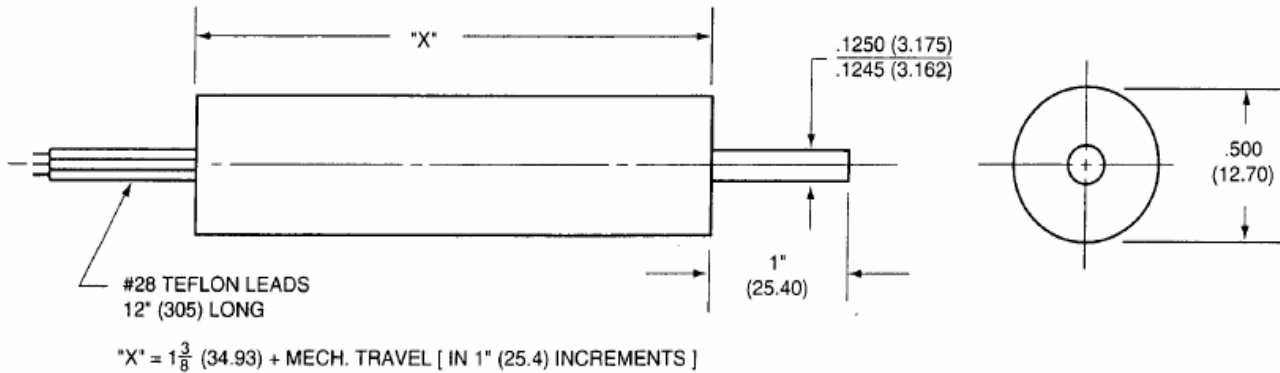




SYSTEMS, L.L.C.
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LINEAR MOTION PRECISION POTENTIOMETERS MODEL 113 TUFF-LINE INFINITE RESOLUTION



SPECIFICATIONS

ELECTRICAL		MECHANICAL	
	STANDARD		STANDARD
Resistance Range $\pm 10\%$	500 Ohms/inch To 100K Ohms/inch	Mechanical Travel Beyond Stroke	+0.0312, -0.0 inches
Independent Linearity or Conformity	To $\pm 0.05\%$ (Depending on Stroke)	Max Starting Force	8oz @ 25°C
Electrical Stroke ± 0.005 inches	To 4 inches	Stroke Velocity	50 inches/second
Maximum number of taps*	1	Shaft Free to Rotate	Yes
Power Dissipation	1/2 Watt/inch	Weight	1-1/4oz + 3/4oz/inch
Temperature Range	-55°C to 125°C		
Dielectric Strength	500V RMS		

* See OPTIONAL Electrical Characteristics

* See OPTIONAL Mechanical Characteristics