



600 SERIES

Linear Position Sensor

SPECIFICATIONS

Electrical

Electrical Travel	See Table 1
Resistance Range	See Table 1
Resistance Tolerance	±20%
Independent Linearity	See Table 1
Power Rating @ 70°C	0.25 Watt per inch Derated to 0 Watts @ 125°C
Output Smoothness	0.1%
Insulation Resistance @500 VDC	1000 Megohms
Resolution	Infinite
Dielectric Strength	500 VRMS
Temperature Range	-55° to +125°C

Mechanical

Mechanical Travel	Elect travel + 0.1 in. min
Actuation Force	2 oz. max
Repeatability	Within 0.0005 inch
Life	10 x 10 ⁶ cycles

DIMENSIONS

Dimensions are in inches(mm). Tolerance: .03 (.8)

600 SERIES LINEAR MOTION POSITION TRANSDUCER

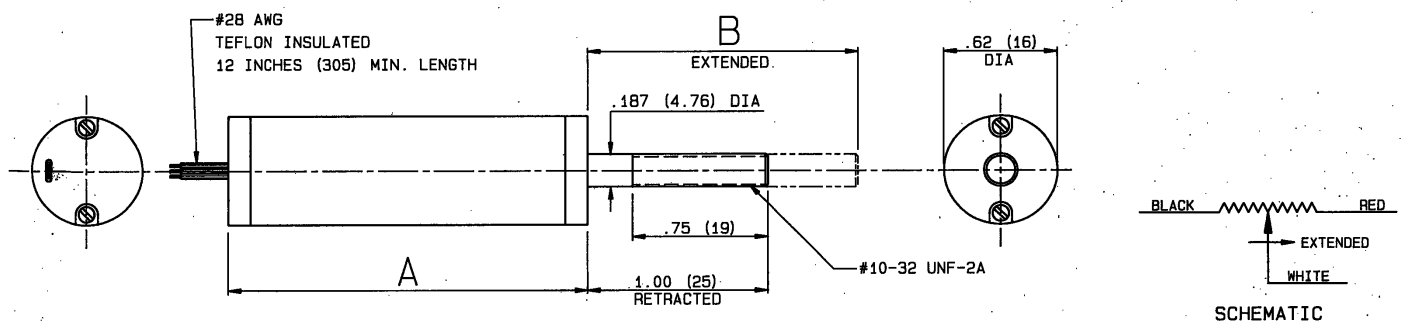


Table 1

Model	Resistance Ω	Linearity $\pm\%$	Electrical Travel	Dimensions	
				A	B
601	1.0	0.70	1.00 (25)	2.50 (57)	2.10 (53)
602	2.0	0.35	2.00 (51)	3.50 (89)	3.10 (79)
603	3.0	0.25	3.00 (76)	4.50 (114)	4.10 (104)
604	4.0	0.15	4.00 (102)	5.50 (140)	5.10 (129)
606	6.0	0.12	6.00 (152)	7.50 (190)	7.10 (180)
610	10.0	0.09	10.00 (254)	11.50 (292)	11.10 (282)
612	12.0	0.08	12.00 (305)	13.50 (343)	13.10 (333)

General Notes

- Available in dual configuration.
- Most specifications may be altered to meet specific requirements.
- Other travels available

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