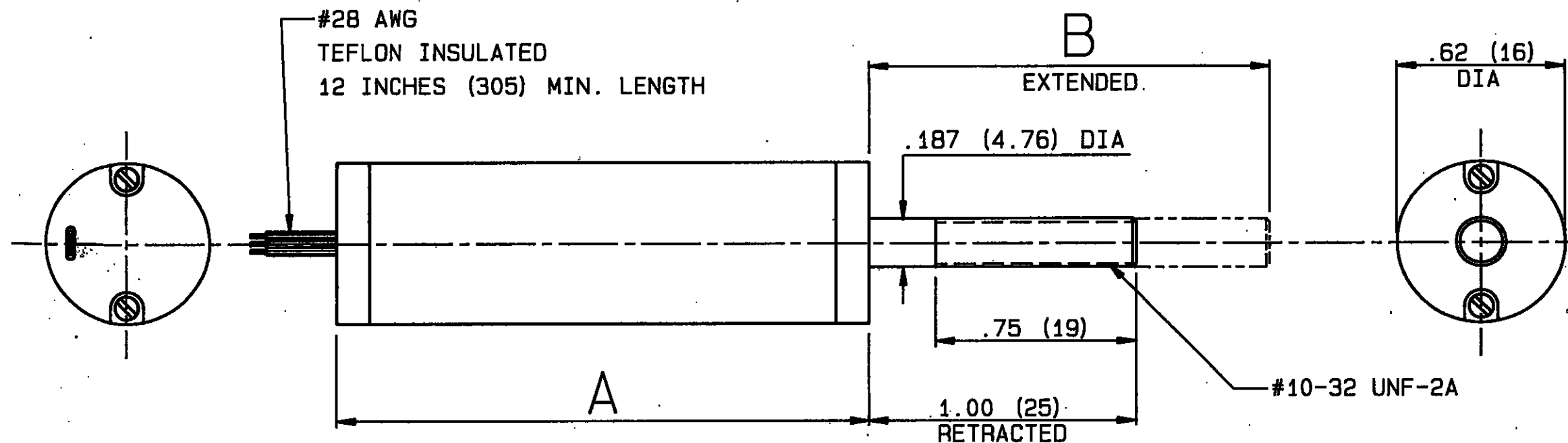


600 SERIES LINEAR MOTION POSITION TRANSDUCER



ELECTRICAL SPECIFICATIONS

ELECTRICAL TRAVEL	SEE TABLE
RESISTANCE RANGE	SEE TABLE
RESISTANCE TOLERANCE	±20%
INDEPENDENT LINEARITY	SEE TABLE
POWER RATING @ 70°C	0.25 WATTS
PER INCH OF ELECTRICAL TRAVEL DERATED TO 0 WATTS @ 125°C	
OUTPUT SMOOTHNESS	0.1%
RESOLUTION	INFINITE
INSULATION RESISTANCE @ 500 VDC	1000 MEGOHMS
DIELECTRIC STRENGTH	500 VRMS
TEMPERATURE RANGE	-55° TO +125°C

MECHANICAL SPECIFICATIONS

MECHANICAL TRAVEL	ELECTRICAL TRAVEL +0.1 INCH MIN.
ACTUATION FORCE	2 OZ. MAX.
REPEATABILITY	WITHIN .0005 IN.
LIFE	10 x 10 ⁶ CYCLES

NOTES:

1. DIMENSIONS ARE IN INCHES (mm). TOLERANCE: ±.03 (±.8)
2. AVAILABLE IN DUAL CONFIGURATION.
3. MOST SPECIFICATIONS MAY BE ALTERED TO MEET SPECIFIC REQUIREMENTS.
4. OTHER TRAVELS AVAILABLE.

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

MODEL	RESISTANCE K Ω	LINEARITY ±%	ELECTRICAL TRAVEL [4]	A DIMENSIONS	B DIMENSIONS
SCHEMATIC			DUNCAN electronics, Inc. COSTA MESA, CALIFORNIA		
DWS. NAME OUTLINE 600 SERIES			DWS. NO. 600-50		
REL. DATE 4-28-88			REV. C		
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