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REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVED
	A	REVISED PER ECN	8-3-87	J.S. & P.I.
	B	REVISED PER ECO	7/18/96	JSD
	C	REVISED PER ECO	8/02	G.E.
	D	REVISED PER ECO	8/03	

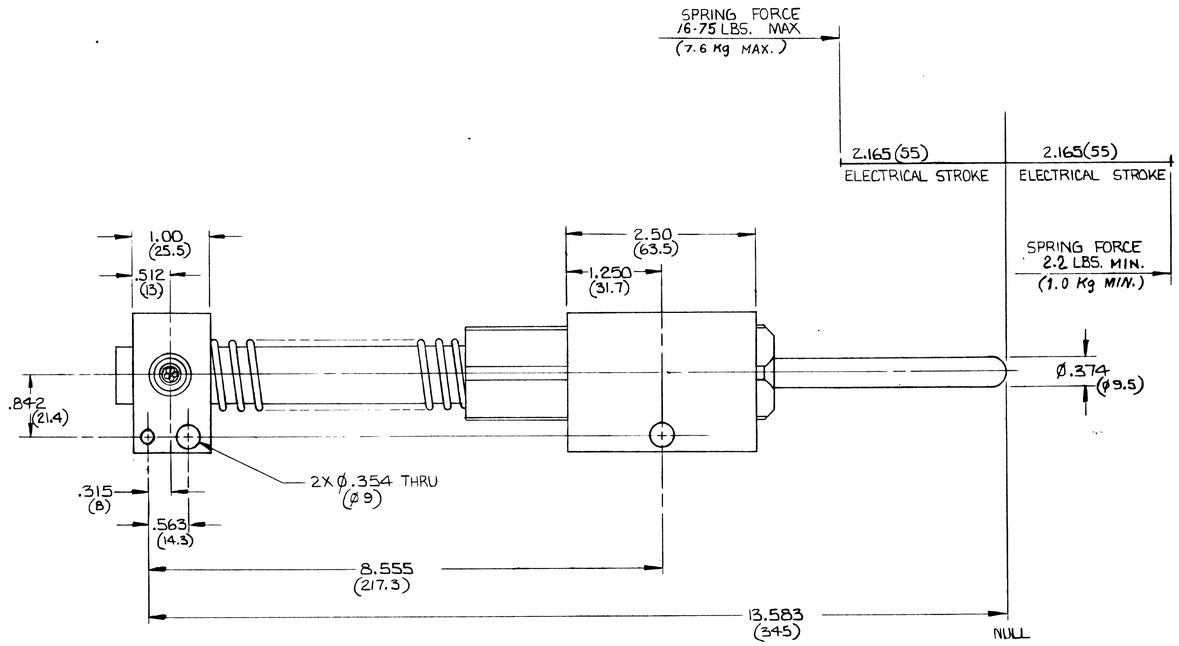
No Changes Allowed Without Prior ITS Approval

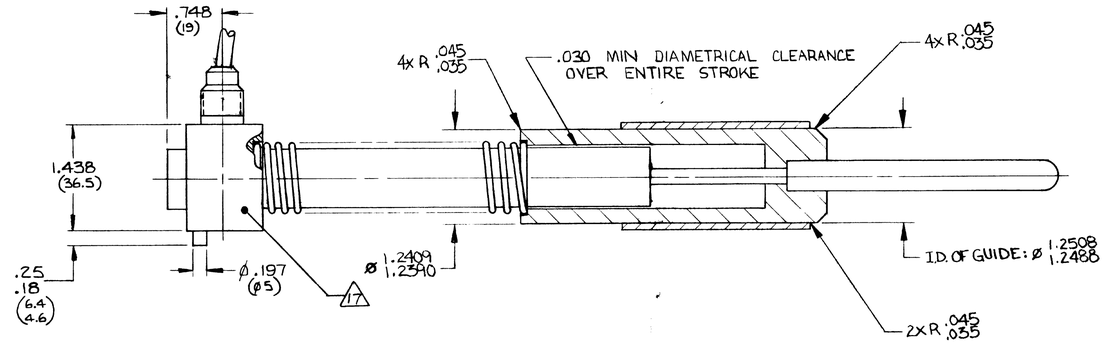
NOTES:

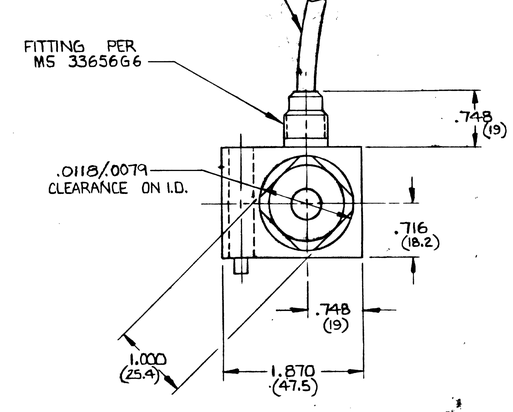
1. EXCITATION : 7.0 VRMS @ 3000 Hz.
2. INPUT POWER : 1.0 V A MAX
3. LOAD : 10 K OHMS
4. STROKE : ± 2.165 IN. (± 55 mm)
5. SENSITIVITY : .64656 V/IN. ± 3% (.02545 V/mm)
6. LINEARITY : ± 1.0 %
7. NULL VOLTAGE : 2.1 ± 0.1 VRMS
8. INPUT IMPEDANCE : 49 OHMS MIN.
9. OUTPUT IMPEDANCE : 22/37 OHMS
10. PHASE SHIFT : -1.0° ± 3.0°
11. PHASING : SEE FIGURES I & II
12. INSULATION RESISTANCE : 100 MEGOHMS MIN. FROM WINDING TO CASE.
13. DIELECTRIC STRENGTH : 500 VRMS @ 60 Hz WITH ALL LEADS TO CASE FOR ONE MINUTE MIN.
14. TEMPERATURE RANGE : −40° F TO + 350° F
15. SHIELDING: INTERNAL MAGNETIC SHIELD.
16. DESIGNED TO CONFORM TO NUOVOPIGNONE DWG # RT072502/2
17. ELECTRO ETCH IDENTIFICATION ON HOUSING PER KAVLICO DRAWING 31-1528 (REF: ATEX CERTIFICATION MARK) AND BELOW:

    LINEAR TRANSDUCER
    GM 7725 LATEST CHG. LTR.
    S/N _____
    NUOVOPIGNONE P/N RT 072502/2
    KAVLICO CORP.
    MOORPARK, CA USA

18. DIMENSIONS SHOWN INSIDE ( ) ARE IN MILLIMETERS







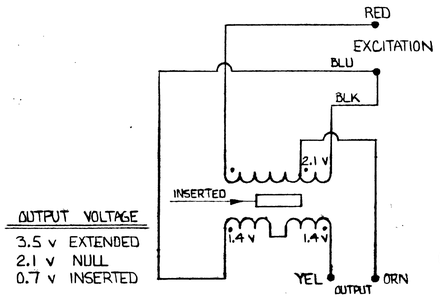


FIGURE II
OUTPUT DECREASES WITH INSERTION

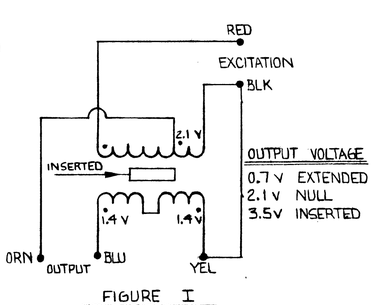
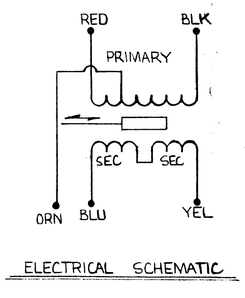


FIGURE I
OUTPUT INCREASES WITH INSERTION



ELECTRICAL SCHEMATIC

ITEM NO.	QTY REQD	PART OR IDENTIFYING NO.	DESCRIPTION	MATERIAL/SPECIFICATION

DO NOT SCALE THIS DRAWING
REMOVE BURRS AND BREAK SHARP EDGES:
MACHINED FILLET RADII TO BE
DIAMETERS ON A COMMON ℄ TO BE Ⓜ WITHIN: TIR
PERPENDICULAR SURFACES TO BE ⊥ WITHIN:
PART TO BE CLEAN AND OIL FREE
UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS ARE IN INCHES
DIMENSIONING & TOLERANCING PER ANSI Y14.5
TOL: .XX ± .03 FRACT ± 1/32 .XXX ± .01 ANG ± 1/2°
✓ FINISH PER USAS B46.1 ALL MACHINED SURFACES
THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742

HEAT TREAT
PROTECTIVE FINISH

DRAWN	ADLEY	10/31/86
CHECKED	[illegible]	11/86
APPROVED	J. Shakibai	11/86
APPROVED	[illegible]	11/86

KAVLICO CORPORATION

TITLE: LINEAR TRANSDUCER

SIZE	CODE IDENT NO.	DRAWING NO.	REV
D	22863	GM 7725	D

SCALE 1:1 WT SHEET OF

CUSTOMER	
CUSTOMER SPEC NO.	
CUSTOMER DWG. NO.	

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