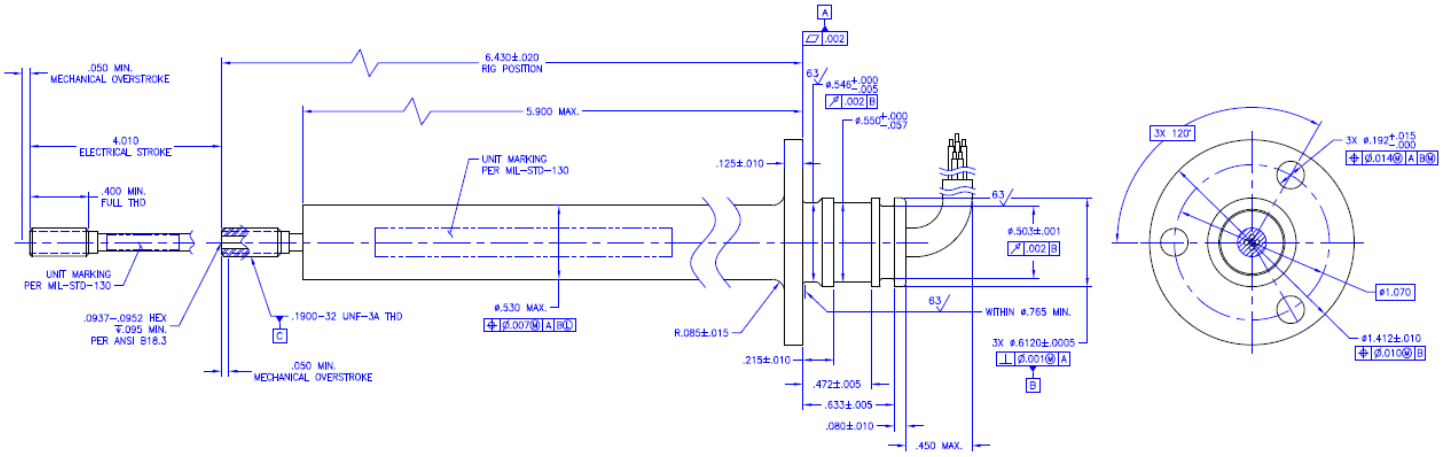
Woodward
Engineered Components

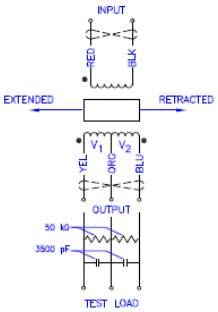
Product Specification
Catalog Item 3L1711A

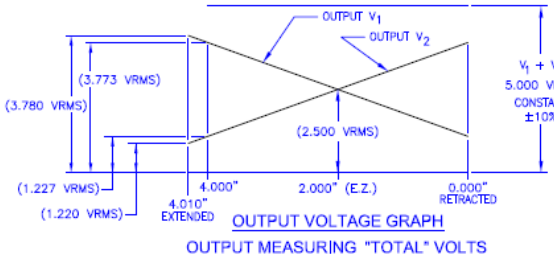
Aerospace Quality LVDTs

- 4 inch electrical stroke
- -62°C to +170°C operating temperature range
- +/-1.0% full scale accuracy over temperature
- Pressure sealed for use in hydraulic applications
- Limited quantities available from stock
- Order Catalog Item: **3L1711A**



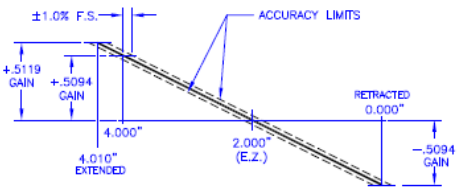
LVDT CHARACTERISTICS AT UNIT TEMPERATURE OF +23°C			
INPUT	VOLTAGE	(VRMS)	7.07
	FREQUENCY	(Hz)	3000±50
	IMPEDANCE	(Z MIN.)	642 Ω
OUTPUT	SCALE FACTOR	(V/V/IN)	.254
	OPERATING RANGE	(IN)	4.010
	ACCURACY		SEE GRAPH
	IMPEDANCE	(Z MAX.)	2000 Ω
WEIGHT		(LBS MAX.)	0.35





OUTPUT VOLTAGE GRAPH

OUTPUT MEASURING "TOTAL" VOLTS



RATIOMETRIC ACCURACY GRAPH

GAIN = $\frac{V_1 - V_2}{V_1 + V_2}$

+1.847.673.8300
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