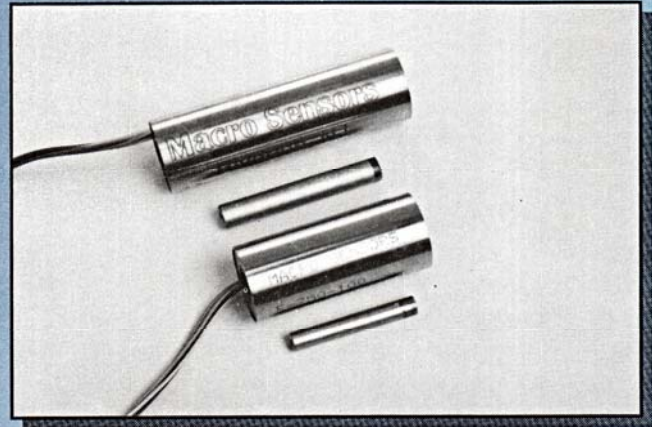


E 750 SERIES ECONOMY LVDTs

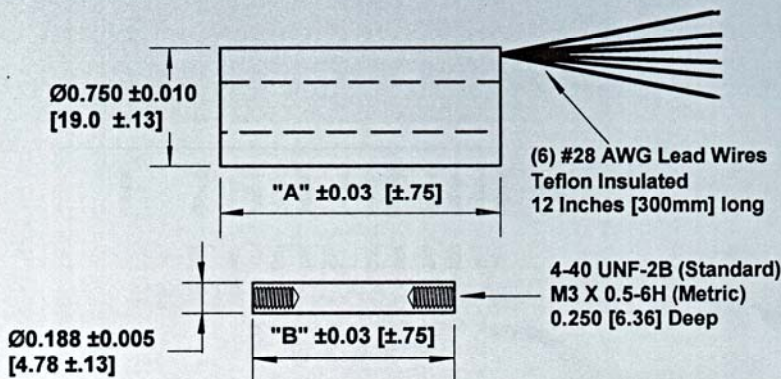
The E 750 series economy LVDTs are ideally suited for applications where low cost is paramount without major sacrifices in performance. The E 750 series feature favorable stroke to length ratios, double shielding and high sensitivities. Because of superior design characteristics, the E 750-300 can be used for ranges of ± 0.200 " or ± 0.300 " in a body length normally used for ± 0.200 ".



- Low Cost LVDTs
- 0.5% Linearity
- High Sensitivity
- Double shielded
- Off-The-Shelf Delivery

UNIT SPECIFICATIONS			
PARAMETER	UNIT OF MEASURE	E 750-100	E 750-300
Measurement Range	Inches (millimeters)	± 0.100 " (± 2.54 mm)	± 0.300 " (± 7.62 mm)
Non-linearity	Plus/Minus %	$\pm 0.5\%$	$\pm 0.5\%$
Sensitivity*	mV/V/.001" (mV/V/mm)	3.8 (152)	2.1 (84)
Phase Shift*	Degrees	-3°	-8°
Impedance (Primary)*	Ohms	760	1110
Impedance (Secondary)*	Ohms	2830	3440
Body Length (A)	Inches (millimeters)	1.75" (44.5)	2.54" (64.5)
Core Length (B)	Inches (millimeters)	1.250" (31.8)	1.650" (41.9)

* nominal



ORDERING INFORMATION:

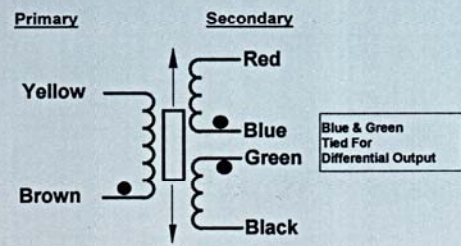
- Specify model number
- Specify if metric threaded core
- Specify operating conditions

Macro Sensors™

Division Of

**Howard A. Schaevitz
Technologies, Inc.**

LVDT Connections



GENERAL SPECIFICATIONS

- Input: 3.0 V, 2.5k Hz
- Operating Temperature Range: -65 °F to +221 °F
- Core-To-Bore Clearance: 0.062" (Radial)
- Housing Material: 400 Series Stainless Steel
- Environmental Seal: Epoxy

**Phone: 609-662-8000
FAX: 609-317-1005**