

Linear Variable Differential Transformer

Assemblies & Modules



LVDT Assembly



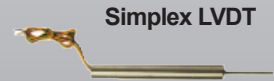
Duplex LVDT
Dual Channel Variable Exhaust Nozzle



Duplex LVDT
Brake Pedal Position Sensor



LVDT Assembly, Quad Channel



Simplex LVDT

Low-Risk, Rapid Response Solutions

Kearfott LVDTs are designed to operate in the harshest environments at peak performance. We specialize in custom solutions, providing highly reliable application-specific designs as well as a number of off-the-shelf options.

Our ruggedized position sensors are crafted for manufacturability, zero maintenance, and enhanced performance.

Features & Benefits

- ✓ High-Performance, Cost-Effective Linear Position Sensors
- ✓ Environmentally & Hermetically Sealed Options
- ✓ Highest Accuracy & Repeatability
- ✓ Non-Jamming Mechanical Stops
- ✓ Adaptable Standard Configurations

LVDT Product Family Specifications

<i>Typical Performance Characteristics</i>	
Stroke Length	Up to 12+ in
Linearity (% Full-Stroke)	+/- 0.25% Typical
Accuracy (% Full-Stroke)	0.5% @ Null 1% Overall
Operating Temperature Range	-55 to 230°C (-67 to 450°F) Extended ranges available upon request
Available Features	1, 2, 3, or 4 Channels EMI-Shielded Cabling Customizable Attach Points Environmentally and Hermetically Sealed Non-Jamming Hard Stops Redundant Spring Return or Extension
Application Examples	Control Surface Position Engine Control Feedback Rudder/Brake Pedal Position