

Internally Threaded Miniature Donut Style Load Cell

Model DT	
	<p>Summary Information</p> <ul style="list-style-type: none"> • Ranges up to 2,000 lbs • Calibrated with Positive Output in Compression • All-welded Stainless Steel Construction • The Model DT is a precision load cell designed for compression operation. • The center tapped hole allows for precise installation alignment. • Two, #4-40-2B tapped holes in the base assure stable mounting for repeatability.

Detail Specifications	
Load Ranges	0-5 lbs up to 0-2,000 lbs
Linearity	+/- 0.5% FS
Hysteresis	+/- 0.5% FS
Sensitivity / Output	2 mV/V
Repeatability	+/- 0.5% FS
Resolution	
Center Thread	3/8-16 UNF Tapped Through
Overload	150% Range
Zero Setting	+/- 2 % Output
Temperature, Operating	60-250 F
Temperature, Compensated	60-160 F
Thermal Error, Zero	+/- 0.005% FS/Degree F
Thermal Error, Span	+/- 0.002 % Reading/Degree F

Detail Specifications	
Strain gage Type	
Excitation (Calibration Voltage)	10 VDC
Insulation Resistance	
Bridge Resistance	350 Ohms Nominal
Wiring Code	
Weight	2.8 Oz
Material	17-4PH Stainless Steel
<p>5 ft TFE jacketed, shielded cable with strain relief and tinned leads Metric and custom ranges are available. For optional cable length or threads contact the factory.</p> <p>Connect Load Cell to read-out instrument during installation to avoid over loading in Tension with the center thread.</p>	