

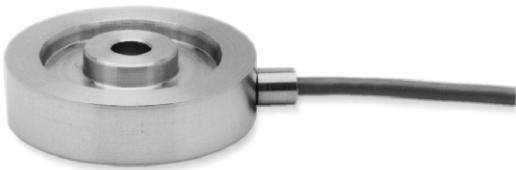
THRU-HOLE LOAD CELL

COMPRESSION ONLY

THA SERIES

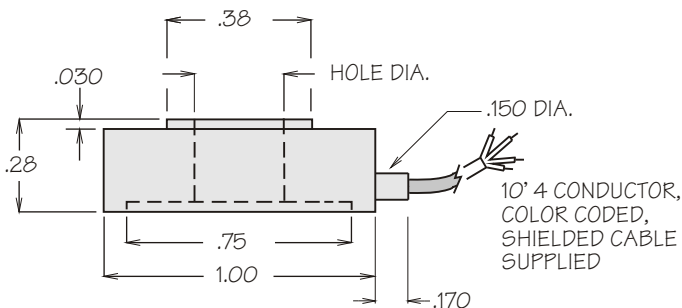
CAPACITY RANGES:
50, 100, 250, 500 LBS.

Our THA Series thru-hole load cells offer an outside diameter of 1.00 inches and up to two different thru-hole diameter options per capacity range. These load cells are manufactured from heat treated 17-4 ph stainless steel. The sensing element incorporates bonded foil strain gages of the highest quality and are sealed for protection against most industrial environments.



SPECIFICATIONS

Rated Output (R.O.):	2 mV/V nominal
Nonlinearity:	0.25% of R.O.
Hysteresis:	0.25% of R.O.
Nonrepeatability:	0.1% of R.O.
Zero Balance:	1.0% of R.O.
Compensated Temp. Range:	60° to 160°F
Safe Temp. Range:	-65° to 200°F
Temp. Effect on Output:	0.005% of Load/°F
Temp. Effect on Zero:	0.01% of R.O./°F
Terminal Resistance:	350 ohms nominal
Excitation Voltage:	10 VDC
Safe Overload:	150% of R.O.
Deflection Inches:	0.002 @ R.O.



MODEL	CAPACITY	AVAILABLE INSIDE HOLE DIAMETERS
THA-50	50 LBS.	-P, -Q
THA-100	100 LBS.	-P, -Q
THA-250	250 LBS.	-P, -Q
THA-500	500 LBS.	-P, -Q

INSIDE HOLE DIAMETER DIMENSIONS

	-P	-Q
NOMINAL HOLE DIA.	1/8"	3/16"
ACTUAL HOLE DIA.	.128	.193