

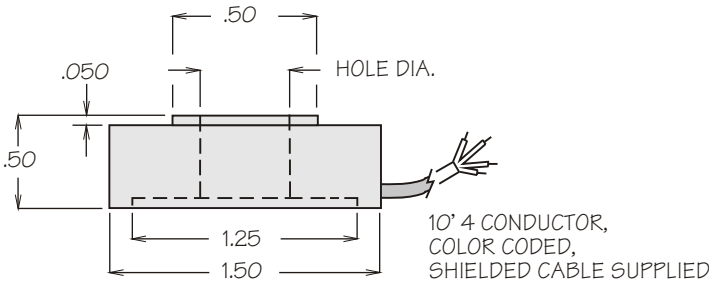
THRU-HOLE LOAD CELL

COMPRESSION ONLY

THB SERIES

CAPACITY RANGES:
100, 250, 500, 1,000, 2,000 LBS.

Our THB Series thru-hole load cells offer an outside diameter of 1.50 inches and up to four 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 |
|---------|------------|---------------------------------|
| THB-100 | 100 LBS. | -P, -Q, -R, -S |
| THB-250 | 250 LBS. | -P, -Q, -R, -S |
| THB-500 | 500 LBS. | -P, -Q, -R, -S |
| THB-1K | 1,000 LBS. | -P, -Q, -R, -S |
| THB-2K | 2,000 LBS. | -P, -Q, -R, -S |

INSIDE HOLE DIAMETER DIMENSIONS

| | -P | -Q | -R | -S |
|-------------------|------|-------|------|------|
| NOMINAL HOLE DIA. | 1/8" | 3/16" | 1/4" | 3/8" |
| ACTUAL HOLE DIA. | .128 | .193 | .266 | .391 |