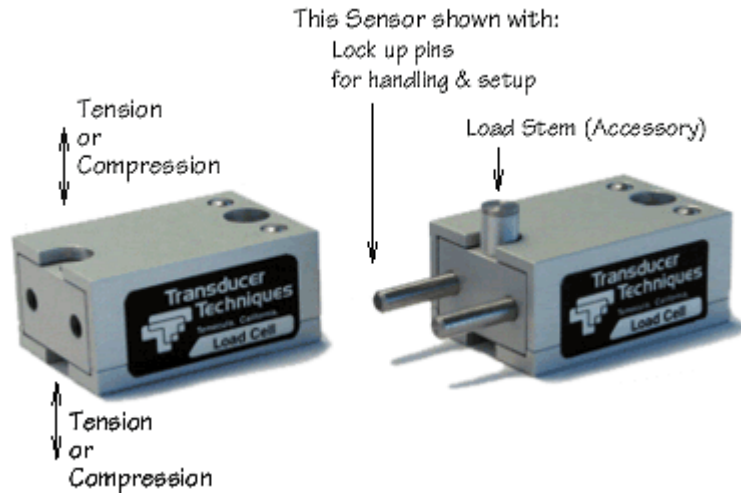


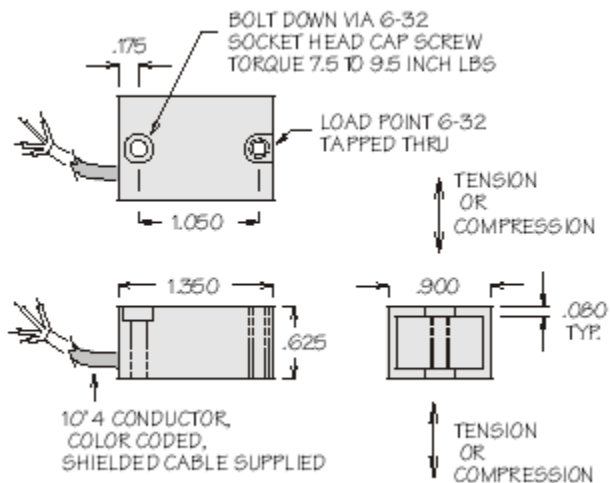
PRECISION GRAM SENSOR LOAD CELL UNIVERSAL / TENSION OR COMPRESSION

GSO SERIES LOAD CELL

CAPACITY RANGES:
10, 25, 30, 50, 100, 150,
250, 500, 1,000 GRAMS



The GSO Series Load Cells can be utilized in tension or compression or both with excellent compliance. The force sensing end of the anodized aluminum GSO Series is tapped 6-32 thru for attachment possibilities for almost any application. Bonded foil strain gages at the sensing element provide for excellent stability over the suggested temperature range and ensure long term reliability. Call for application assistance.



SPECIFICATIONS

- Rated Output (R.O.): 1 mV/V nominal
- Nonlinearity: 0.05% of R.O.
- Hysteresis: 0.05% of R.O.
- Nonrepeatability: 0.05% 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: 0.005% of R.O./°F
- Terminal Resistance: 350 ohms nominal
- Excitation Voltage: 10 VDC
- Safe Overload: 150% of R.O.
- Deflection Inches: 0.004 @ R.O.
- Weight: 1 oz. all ranges

MODEL	CAPACITY GRAMS	NATURAL RINGING FREQUENCY Hz	DEFLECTION INCHES
GSO-10	10	260	.004
GSO-25	25	475	.004
GSO-30	30	360	.004
GSO-50	50	440	.004
GSO-100	100	610	.004
GSO-150	150	700	.004
GSO-250	250	1000	.004
GSO-500	500	1450	.004
GSO-1K	1,000	2000	.004