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Advantages of STI's Series PNC

PANCAKE LOAD CELLS For Tension & Compression Force Measurement



- All welded stainless steel construction.
- All Series PNC pancake load cells come with either mV/V output or amplified output (analog or digital).
- All units come standard with shock and vibration protection.
- Standard connectors are stainless steel, machined from one piece of bar stock and have individual glass-to-metal seals.
- Microelectronics internal signal conditioning increases reliability and reduces length of electronics housing (more compact package).
- Electronics housing for high level output units is machined from bar stock and is more robust than standard thin walled tubing design.
- Electronics housing and load cell have common machined interface for more robust fit and improved welded construction.
- Choice of bolt-on or welded connectors. Bolt-on connectors all use O-ring seals rather than gaskets. Hermetic versions are available.
- Internal design provides higher fatigue rating (more cycles).
- More comprehensive calibration cert.
- 1-2 week turnaround for recalibrations.
- Better accuracy and repeatability.
- More value (Increased features at a lower price).
- Broad range of accuracies to select. (0.03% FSO - 0.10% FSO)
- Units are barometrically compensated.
- Dual diaphragms provide low sensitivity to off-axis loading.
- Customer specified threads and electrical connectors available.

