

# Model 987

## Precision Low Profile Load Cell

### DESCRIPTION

Model 987 is a low profile "pancake" type load cell. These bonded foil, strain gage load cells are engineered to measure loads from 5 lb to 500,000 lb. The tension/compression Model 987 is designed with the threaded hole running completely through the center of the diaphragms, which are welded

to reduce off-center and side-loading effects. It provides high performance in non-linearity, hysteresis, and repeatability specifications for such applications as tube mills, extruding processes and weighing. Each unit has a welded construction and can be used in a variety of applications. Model 987 load cells are available with 0 to 5 Vdc or 4 mA to 20 mA output.

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### FEATURES

- 0.1% accuracy
- 5 lb to 500000 lb
- mV/V output (standard); 4 mA to 20 mA and 0 Vdc to 5 Vdc (optional) outputs
- Double diaphragm design
- Intrinsically safe available (2N option only)<sup>16</sup>
- CE approved<sup>17</sup>