DIFFERENTIAL PRESSURE TRANSMITTERS ±0.25, ±1, OR ±2% ACCURACY
One-Touch® Digital Push-Button Calibration Technology

The Series 616KD Differential Pressure Transmitters ±0.25, ±1, or ±2% Accuracy with One-Touch® digital push-button, calibration technology are designed for simplicity, making them the ideal choice for installers and maintenance professionals. These instruments not only alleviate cumbersome turn pots typically found in most transmitters, but eliminate entirely the need to span the instruments during calibration. With a single digital push-button, both ZERO AND SPAN are calibrated properly, nothing else is required. No additional reference pressure sources or separate calibration devices are necessary.

**APPLICATIONS**
- Air handlers
- Variable air volume
- Duct pressure
- Filter monitoring

**SPECIFICATIONS**

**Service:** Air and non-combustible, compatible gases.

**Wetted Materials:** Consult factory.

**Accuracy:** 616KD-A: ±0.25% FS; 616KD-B: ±1% FS, 616KD: ±2% FS.

**Stability:** ±1% FS/year.

**Temperature Limits:** -20°C to 122°F (-4°C to 50°C).

**Compensated Temperature Range:** 20 to 122°F (-6.7 to 50°C).

**Pressure Limits:**
- 0 to ±1250 Pa
- 0 to ±750 Pa
- 0 to ±500 Pa
- 0 to ±250 Pa
- 0 to ±10 in w.c.
- 0 to ±2 in w.c.
- 0 to ±1 in w.c.
- 0 to 5000 Pa
- 0 to 2500 Pa
- 0 to 1250 Pa
- 0 to 750 Pa
- 0 to 500 Pa
- 0 to 250 Pa
- 0 to ±10 in w.c.
- 0 to ±5 in w.c.
- 0 to ±3 in w.c.
- 0 to ±2 in w.c.
- 0 to ±1 in w.c.

**Thermal Effect:**
- 616KD-A: ±0.02% FS/°F; 616KD-B: ±0.04% FS/°F; 616KD: ±0.06% FS/°F, includes zero and span.

**Options**

- **AT**
  - Aluminum tag
- **FC**
  - Factory calibration
- **N**
  - 1/8” female NPT
- **FC**
  - NIST certification
- **TC**
  - Terminal cover
- **V**
  - Voltage output 0-5, 1-5, 0-10, 2-10 VDC (field selectable)

**Model Description**

- **AT**
  - 616KD-A-12-AT: 0 to ±1250 Pa
  - 616KD-A-12-AT: 0 to ±750 Pa
  - 616KD-A-12-AT: 0 to ±500 Pa
  - 616KD-A-12-AT: 0 to ±250 Pa
  - 616KD-A-12-AT: 0 to ±100 Pa
  - 616KD-A-12-AT: 0 to ±50 Pa
  - 616KD-A-12-AT: 0 to ±25 Pa
  - 616KD-A-12-AT: 0 to ±10 Pa
  - 616KD-A-12-AT: 0 to ±5 Pa
  - 616KD-A-12-AT: 0 to ±2 Pa
  - 616KD-A-12-AT: 0 to ±1 Pa

**WARRANTY**

- 1 YEAR LIMITED WARRANTY

**ACCESSORIES**

- **A-360**
  - Aluminum DIN rail 1 m
- **A-618**
  - Protective terminal cap