The Series 677B Differential Pressure Transmitter is designed to measure pressures as low as 0.1 in w.c. with ±0.4% accuracy. Use Series 677B for building energy management systems, environmental pollution control, oven pressurization, lab and fume hood control, HVAC and VAV applications. The transmitter features 15 psid overpressure, reverse polarity protection and EMI/RFI protection. Internal regulation permits use with unregulated DC power supplies. The NEMA 4 housing allows for versatile mounting locations and integral mounting tabs simplify installation.

**FEATURES/BENEFITS**
- NEMA 4 housing enables a range of use outdoor or indoor where water is present
- High accuracy at low pressure ranges provides exceptional measurement for
- NEMA 4 Enclosure with Integral Mounting Bracket

**APPLICATIONS**
- Building energy management
- Lab and fume hood control
- HVAC and VAV applications

**SERIES 677B**
- **Ranges from 0 to 100 in w.c., Overpressure Protection to 10 psig, ±1% Accuracy**
- **Model Chart**
  - Model | Range (in w.c.) | Price | Model | Range (in w.c.) | Price |
  - 677B-01 | 0 to 0.1 | $263.00 | 677B-08 | 0 to 25 | $263.00 |
  - 677B-02 | 0 to 0.25 | $263.00 | 677B-11 | 0 to ±0.05 | $263.00 |
  - 677B-03 | 0 to 0.5 | $263.00 | 677B-12 | 0 to ±0.1 | $263.00 |
  - 677B-04 | 0 to 1 | $263.00 | 677B-13 | 0 to ±0.25 | $263.00 |
  - 677B-05 | 0 to 2.5 | $263.00 | 677B-14 | 0 to ±0.5 | $263.00 |
  - 677B-06 | 0 to 5 | $263.00 | 677B-15 | 0 to ±1 | $263.00 |
  - 677B-07 | 0 to 10 | $263.00 |

- ***Items are subject to Schedule B discounts.**

**SERIES 668**
- **Ranges from 0 to 100 in w.c., Overpressure Protection to 10 psig, ±1% Accuracy**
- **Model Chart**
  - Model | Range (in w.c.) | Price | Model | Range (in w.c.) | Price |
  - 668-1 | 0 to 0.25 in w.c. | $168.00 | 668-10 | 0 to ±0.1 in w.c. | $168.00 |
  - 668-2 | 0 to 0.5 in w.c. | $168.00 | 668-11 | 0 to ±0.25 in w.c. | $168.00 |
  - 668-3 | 0 to 1 in w.c. | $168.00 | 668-14 | 0 to ±2.5 in w.c. | $168.00 |
  - 668-4 | 0 to 2.5 in w.c. | $168.00 | 668-17 | 0 to ±25 in w.c. | $168.00 |
  - 668-5 | 0 to 5 in w.c. | $168.00 |
  - 668-6 | 0 to 10 in w.c. | $168.00 |
  - 668-7 | 0 to 25 in w.c. | $168.00 |
  - 668-8 | 0 to 50 in w.c. | $168.00 |
  - 668-9 | 0 to 100 in w.c. | $168.00 |

- **Note: To order unit with conduit cover, add C to model number and +$17.75. Example: 668C-1. Consult factory for additional information.**

**SPECIFICATIONS**
- **Service:** Air and non-conductive, non-corrosive gases.
- **Wetted Materials:** 303 SS, glass, nickel, silicone rubber and brass.
- **Accuracy:** ±0.4% FS* at room temperature.
- **Pressure Limit:** 15 psi (100 kPa).
- **Temperature Limits:** Operating and Compensated: 0 to 185°F (-18 to 85°C).
- **Pressure Limit:** 185°F (-40 to 85°C).
- **Accuracy:** ±1% full-scale (RSS) (includes zero and span). ±0.25% FS/F, ±0.5% FS/F, ±0.75% FS/F, ±1% FS/F, ±1.5% FS/F, ±2% FS/F, ±2.5% FS/F, ±3% FS/F.

**ACCESSORIES**
- **Model** | **Description** | **Price**
  - A-489 | 4' straight static pressure tip with flange | $6.67
  - A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | $6.67

**OPTIONS**
- **Use order code** | **Description** | **Price**
  - NISTCAL-P1 | NIST traceable calibration certificate | $139.00

**USA: California Proposition 65**
- **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

**AGENCY APPROVALS:**
- CE.
- *RSS (Root Sum Square) includes non-linearity, hysteresis and non-repeatability.

**ACCESSORIES**
- **Model** | **Description** | **Price**
  - A-489 | 4' straight static pressure tip with flange | $6.67
  - A-302F-A | 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws | $6.67

**OPTIONS**
- **Use order code** | **Description** | **Price**
  - NISTCAL-P1 | NIST traceable calibration certificate | $139.00