



**Series 433 (0-5 V)**  
**Series 435 (4-20 mA)**  
**Series 436 (0-10 V)**



Shown with Option E

Transducer Dash Number	Pressure Range* (PSIG)	Pressure Range* (PSIA)
-23	0 - 29.9" Hg.	
-01	0 - 15	0 - 15
-21	0 - 30	0 - 30
-03	0 - 50	0 - 50
-22	0 - 60	0 - 60
-04	0 - 100	0 - 100
-05	0 - 150	0 - 150
-06	0 - 200	0 - 200
-07	0 - 300	0 - 300
-08	0 - 500	
-10	0 - 1,000	
-12	0 - 2,000	
-13	0 - 3,000	
-14	0 - 4,000	
-15	0 - 5,000	
-16	0 - 6,000	
-17	0 - 7,500	
-18	0 - 10,000	

\* Refer to sales drawing for additional pressure ranges

**Standard Features:**

- Non-Incendive
- Welded Stainless Steel Construction
- NEMA 4X Enclosure Rating
- UL & C-UL Listed
  - Class I, Division II, Groups A, B, C & D
  - Class II, Division II, Groups E, F & G
- EMI, ESD & RFI Protection
- Stable, Diffused Silicon Sensor
- Surface Mounted Conformal Coated Circuit
- Built-In High Pressure Snubber
- 0.25% Accuracy

**Performance Characteristics:**

- Accuracy (LH & R):** ±0.25% FS0
- Repeatability:** ±0.15%
- Typical Life:** 100 million cycles
- Proof Pressure:** 2X rated pressure or 13,000 PSI (884 bar), whichever is less
- Warranty:** 3 years

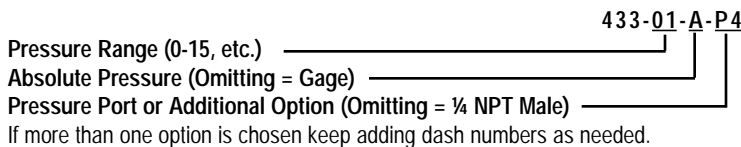
**Excitation Voltage:**

- 433:** 9 to 30 VDC
- 435:** 12-28 VDC (See sales drawing)
- 436:** 14 to 30 VDC

**Output Signal:**

- 433:** 0.5 to 5.5 VDC (standard)
- 435:** 4-20 mA
- 436:** 1 to 11 VDC (standard)

**Transducer Nomenclature**



**Physical**

- Wetted Material:** 300 & 17-4 PH Series Stainless Steel
- Enclosure:** NEMA 4X, 300 Series Stainless Steel
- Pressure Connection:** 1/4-18 NPT male (standard)
- Electrical Connection:**
  - H3: Shielded cable (1 meter long)
  - H5: 1/2-14 NPT male w/ 1 meter shielded & jacketed cable
  - H6: Shielded SO Type cord (1 meter long)
  - T4: 12 mm DIN connector (mating plug not supplied)
  - T5: Type 43650 DIN connector

**Pressure Snubber:** 2000 PSI and above (standard)

**Environmental**

- Operating Temp:** -40°F to +185°F (-40°C to +85°C)
- Compensated Temp:** -40°F to +160°F (-40°C to +71°C)
- Temperature Shift:** ±0.01% per °F over compensated temperature range

**Standard Options**

- A Absolute Pressure
- E External zero and span adjustment
- P1 7/16-20 UNF female pressure connection
- P3 7/16-20 UNF male pressure connection
- P4 1/2-14 NPT male pressure connection
- P5 1/2-14 NPT female pressure connection
- P6 1/4-18 NPT female pressure connection
- P7 1/8-27 NPT male pressure connection
- WXX non-standard cable length (XX indicates length in inches)
- ZXXY non-standard calibrated pressure range (XX=Significant Digits, Y=Number of Zeros)
- Z10 1.0 to 5.0 VDC output (433 Series only)
- Z11 1.0 to 6.0 VDC output (433 Series only)
- Z12 0.5 to 4.5 VDC output (433 Series only)
- Z16 0.2 to 10.0 VDC output (436 Series only)

\*Definitions are in accordance with ANSI/ISA S37.1-75