

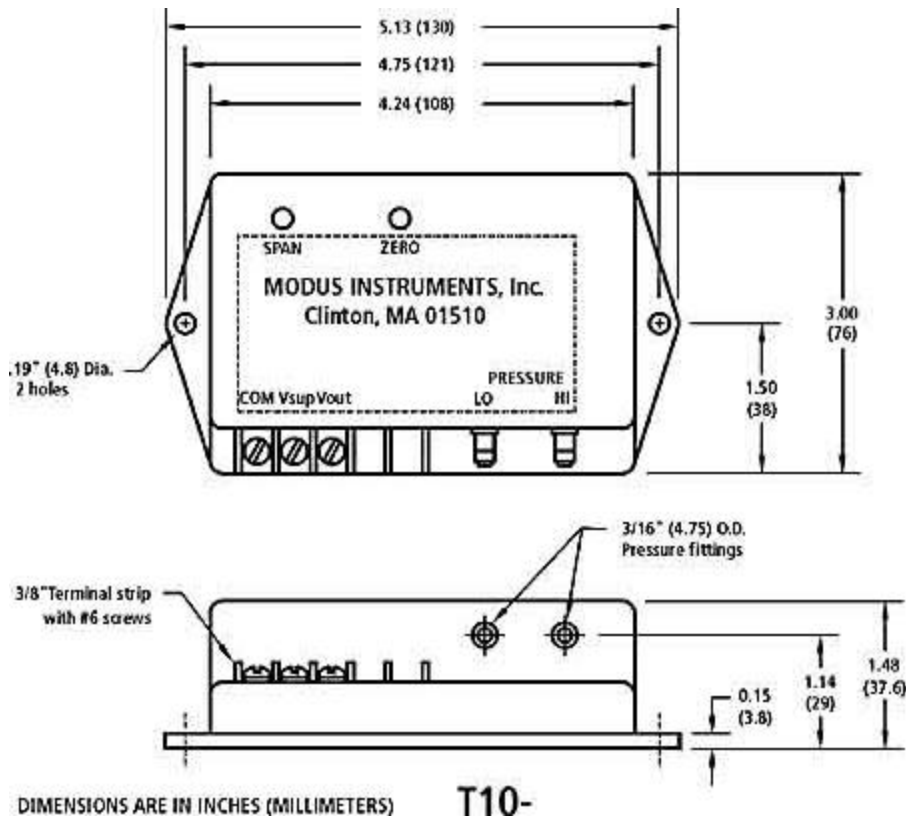
Modus Model T10

MODEL T10

DC Power Input/Voltage Output



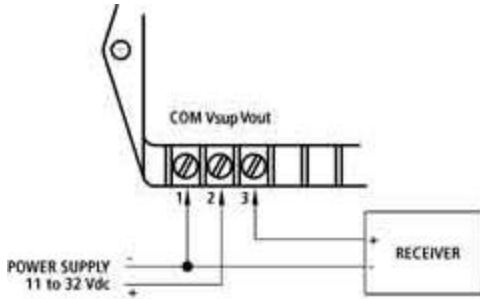
Diagram shows area of detail.
Please see inset diagrams for wiring of each individual model below.



SPECIFICATIONS

Electrical

Supply Voltage: 11 to 32 Vdc (14.5 to 32 Vdc for 10 Volts output)
 Protected against reversal of polarity
 Supply Current: 10mA
 Output:
 0 to 5 Volts, linear
 0 to 10 Volts, linear
 Sink or source 3.5mA
 Protected against short circuit



Terminal 1 is common to both the DC power supply and the output signal.
 Terminal 2 is positive DC supply voltage.
 Terminal 3 is positive signal voltage.

ORDERING INFORMATION

Order Number (See Table below and Reference **Table A**)
 T10 - PPP - V - O
 Example:
 T10 - 01E - 5 - A

PPP = Pressure Range	V = Voltage Output	O = Offset (See Note 1)
See Reference Table A	5 = 0 to 5 Volts	- = No offset
	X = 0 to 10 Volts	A = 1/4 offset
		B = 1/2 offset

Note 1

If the measured differential pressure is expected to go from positive to negative, a transmitter with offset (elevated zero) should be ordered. Three options are available:

"-" No offset. At zero differential pressure the output signal is:

4mA (4 to 20mA range)

0V (0 to 5V range)

0V (0 to 10V range)

Pressure excursion: 0% to + 100% of Range, see **Table A**

"A" 1/4 span offset. At zero differential pressure the output signal is:

8mA (4 to 20mA range)

1.25V (0 to 5V range)

2.5V (0 to 10V range)

Pressure excursion: -33% to +100% of Range, see **Table A**

"B" 1/2 span offset. At zero differential pressure the output signal is:

12mA (4 to 20mA range)

2.5V (0 to 5V range)

5V (0 to 10V range)

Pressure excursion: -100% to +100% of Range see **Table A**

To order: determine the positive pressure range; from **Table A** find the corresponding pressure code, then add the required offset (none, A, or B).

For example, T30 05E A is a transmitter with a maximum range of 1" of H₂O at 20mA and a minimum range of -0.33" of H₂O at 4mA.