

Modus Model T30

MODEL T30

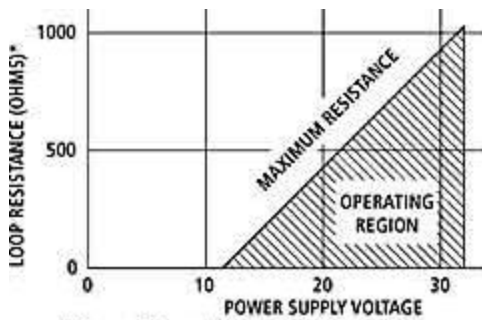
Two Wire/4 - 20mA Output



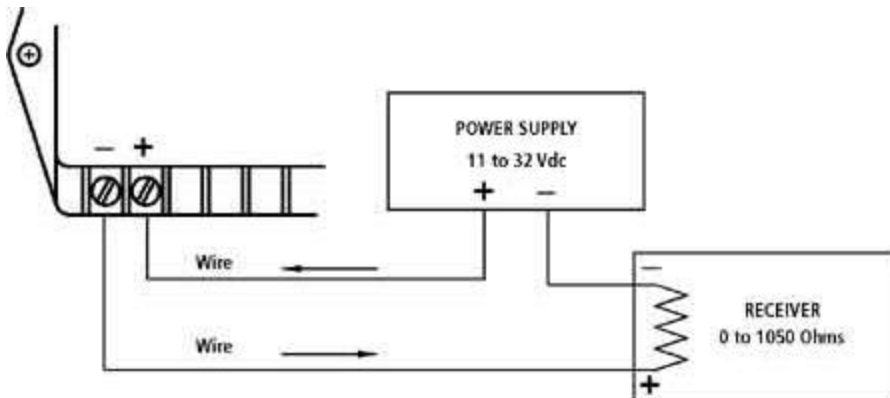
SPECIFICATIONS

Electrical

Supply Voltage: 11 to 32 Vdc
(See diagram below for maximum loop resistance)
Protected against reversal of polarity
Output limited to approx. 3.85mA at low end of span and approx. 25mA at upper end of span



* Loop resistance=Wire res.+Receiver res.



ORDERING INFORMATION

Order Number (See Table below and Reference

Table A)

T20 - PPP - S - V - O

Example:

T20 - 07P - C - X - B

PPP = Pressure Range	O = Offset (See Note 1)
See Reference Table A	- = No offset
	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.