

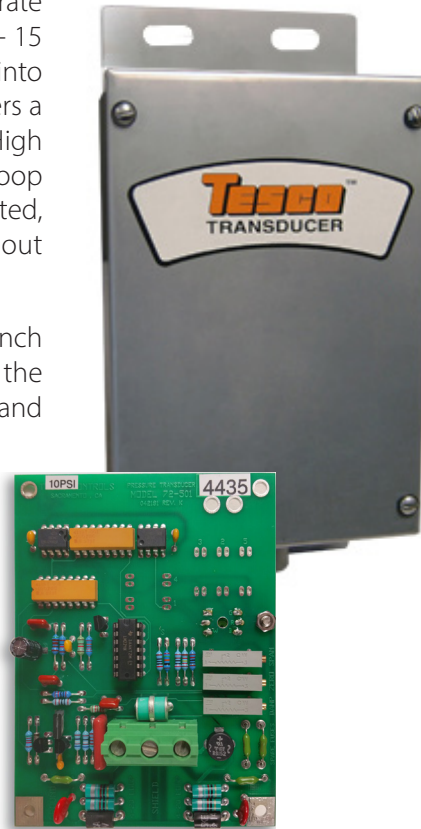
Cost-Effective, Accurate Pressure Sensoring

The APT air pressure transmitter provides accurate linear pressure sensing in ranges from 0 - 1.3 to 0 - 15 PSI. A solid-state piezoresistive silicon element into which a Wheatstone bridge has been diffused offers a high degree of accuracy and long term stability. High resistance burden compensation and 12-98 VDC loop power design allows the APT to be remotely located, several miles from the receiver/source, without degrading accuracy or operation.

Multiple APT's can be direct panel mounted on 2 inch centers, with front panel adjustments, eliminating the requirement for external transmitter enclosures and costly field wiring.

An optional 12-stage lightning/surge protection circuit, TESCO Trans-Trap[®], may be incorporated to provide optimum circuit protection in harsh environments where lightning protection is a serious concern.

Call us and see for yourself how Tesco Controls can make a difference on your next project.



Features

- » Ambient compensated 40 - 160 degrees F
- » Current compensated 0 - 4000 ohms
- » High voltage loop power design 12-98 VDC
- » Non-interacting zero and span adjustments
- » Reverse polarity input protection.
- » Corrosion-resistant conformal coating
- » Two to one zero offset

Applications

- » Reactive Air[®] and bubbler applications
- » Anywhere continuous air pressure monitoring is needed

Air Pressure Transmitter

SPECIFICATIONS

Class	72-501 - Model APT
Overall Accuracy	0.25 %
Loop Power	0 - 200 degrees F 10
Output	12 - 98 VDC
Loop Burden	4 - 20 mA
Loopburden at 96 VDC	4000 ohms
Air Pressure Ranges	1.3, 5, 10, 15 PSI



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DN: B-APT_012616

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