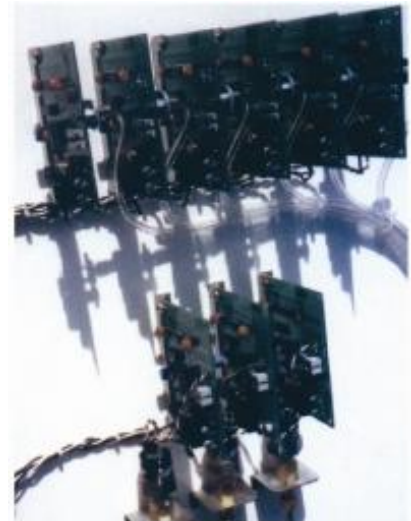


Air Pressure Transmitter

Class: 72501 - Model APT

The APT pressure transmitter provides accurate linear pressure sensing in ranges from 0 - 1.3 to 0 - 150 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 0 - 100 VDC loop power design allows the APT to be remotely located, several miles from the receiver/source, without degrading accuracy or operation. A unique 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. Multiple APTs can be direct panel mounted on 2 inch centers with front panel adjustments, eliminating the requirement for external transmitter enclosures and costly field wiring.



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