The SERIES EPTA is an electric-to-pneumatic transducer that converts an analog input signal (0 to 20 mA) to a linearly proportionate pneumatic output pressure by modulating its control valves to regulate branch line pressure to the set point determined by the input signal.

The EPTA models incorporate two low voltage valves, an integral in-barb filter, a 0 to 30 psig analog gage, an anodized aluminum manifold, and brass barbed fittings. The EPTA offers adjustable span and offset as well as manual override. This unit has no air consumption and is immune to mounting orientation. The EPTA models maintain branch pressure on power loss while the Fail-Safe models will drop to 15 VDC inputs ensure single unit compatibility with most systems. The standard field-selectable 0 to 10, 0 to 15, and 0 to 20 psig. Also included is an analog 0 to 5 VDC output signal to a linearly proportionate pneumatic output by modulating its control valves. The features include built-in volume booster, low air consumption, field reversible (provides output which is inversely proportional to input signal), and flexible zero and span adjustments. The rugged booster, low air consumption, field reversible (provides output which is inversely proportional pneumatic output pressure) and flexible zero and span adjustments. The rugged booster, low air consumption, field reversible (provides output which is inversely proportional pneumatic output pressure). The features include built-in volume booster, low air consumption, field reversible (provides output which is inversely proportional to input signal), and flexible zero and span adjustments. The rugged booster, low air consumption, field reversible (provides output which is inversely proportional pneumatic output pressure). The features include built-in volume booster, low air consumption, field reversible (provides output which is inversely proportional to input signal), and flexible zero and span adjustments. The rugged booster, low air consumption, field reversible (provides output which is inversely proportional pneumatic output pressure). 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