

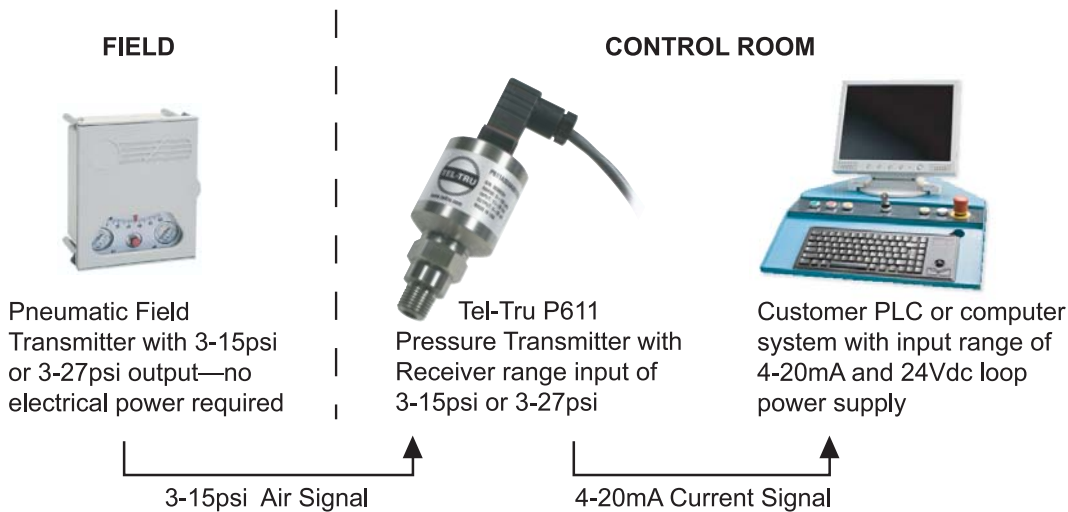
APPLICATION NOTE



Upgrade of Dated Power Plant Simplified with P/I Converter

An electric utility cooperative was trying to upgrade their 1960's era fossil fuel fired power plant from pneumatic controls to a distributed electronic computer system.

- The instrument engineer wanted to be able to convert the older 3-15psi air signals to modern 4-20mA current signals. He figured that the +/-30% zero adjustment with the 2.5 to 1 span adjustment, externally accessible, would allow him to set up the 3-15psi range.
- He purchased several 0-30psi ranged P611s from Tel-Tru and was able to adjust them to the 3-15psi range.
- The engineer's integration was a true success, and he saved his company both time and money. No additional wires had to be run out to the field location to replace the pneumatic transmitters with their electronic counterparts. No piping or air lines were changed either; he simply installed the P611 in the PLC control room.



- The Tel-Tru P611 is available with two standard receiver ranges for converting pneumatic signals to electronic outputs that will allow interfacing with newer electronic systems. These types of applications may be found in a broad range of markets, including chemical processing, petroleum refining, steel milling, and water/wastewater treatment.

Tel-Tru Standard Pneumatic Receiver Ranges

Range	Order Code
3-15psi	V6A
3-27psi	V7A



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