



ELECTRIC PILOT REQUIRES CORRECTLY SPECIFIED TRANSMITTER/TRANSDUCER

This product notice is to inform you that pressure transmitters or transducers with large spans can cause fluctuating process readings in the Electric Pilot.

An Electric Pilot (YEP) is a versatile electric control product that can be combined with an Electric Actuator to control pressure, flow, temperature, or level—all electrically, while giving remote feedback.

In situations where you are trying to control lower pressures (300 PSI or less), it is important to consider the span of the pressure transmitter or transducer used.

Some of these devices have accuracy ratings of +/- 0.5% of the rated span. While that may not sound like much, when attempting to precisely control lower pressures, this can cause swings in the “PV” readings from the pilot, which can in turn lead to the actuator not settling into smooth regulation.

This leads to an assumption that there is something wrong with the pilot, when it is merely adjusting accurately to the signals it is receiving.

In these situations, there is no immediate resolution needed as the pilot is simply reading out the fluctuations that are being received via the transmitter. However, if you are experiencing this, we recommend using a transmitter with a smaller span.



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