

## **NOTICE**

### **POTENTIAL REDUCED PERFORMANCE**

When disabling FoxCal™, the last two-point calibrated range may not match the current configuration of the Lower Range Value and Upper Range Value. For optimal performance, avoid large mismatches.

**Failure to follow these instructions can result in reduced performance.**

## One-Point Calibration at LRV

A one-point offset calibration at LRV can be performed with either FoxCal™ or the last two-point calibration enabled.

When a one-point calibration at LRV is performed, the offset adjustment applies to both the last two-point calibration and all the multiple calibrations. The calibrated accuracy at the LRV point is adjusted and maintained for both calibrations, regardless of which selection is enabled at the time of the adjustment. This allows you to enable or disable FoxCal™ without also performing two independent offset adjustments.

## Two-Point Field Calibration

The transmitters, including those shipped with the FoxCal™ feature enabled, can be recalibrated to a specific LRV and URV.

**NOTE:** The calibration at the LRV point applies to transmitters with the FoxCal™ feature enabled as well as transmitters calibrated with a two-point calibration. However, the calibration at the URV point applies only to the two-point calibration. Multiple calibrations stored in the transmitter in the factory do not change when a URV calibration is performed. Instead, as with a custom factory calibration, a field calibration at URV automatically disables the FoxCal™ feature and enables a single two-point calibration.

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The accuracy of the input pressure for field span calibration should be a minimum of four times better than the transmitter's reference accuracy specification. An inaccurate span pressure input typically results in degradation of transmitter performance from the factory calibrated state.

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## Calibration Notes

- If you perform a two-point calibration when the FoxCal™ feature is enabled, the new calibration is used and FoxCal™ is disabled.
- For best results in applications where high accuracy is required, rezero the transmitter output once it has stabilized at the final operating temperature.
- Zero shifts resulting from position effects can be eliminated by rezeroing the transmitter output.