



P/N 005883.003
VENT COMPENSATOR

- Improved alternative to Desiccants or Bellows
- Environmentally sealed system provides barometric equalization of vented gage transmitters while keeping out moisture
- Highly flexible membrane makes for true transmitter readings without any reduction in accuracy
- Comes filled with clean & dry Nitrogen gas
- Easy installation
- Maintenance Free

OVERVIEW

With proper installation, the Vent Compensator allows gauge pressure sensors to freely sense barometric pressure changes without the adverse effects of moisture and humidity. The Vent Compensator requires no maintenance and eliminates the need to use or maintain desiccants.

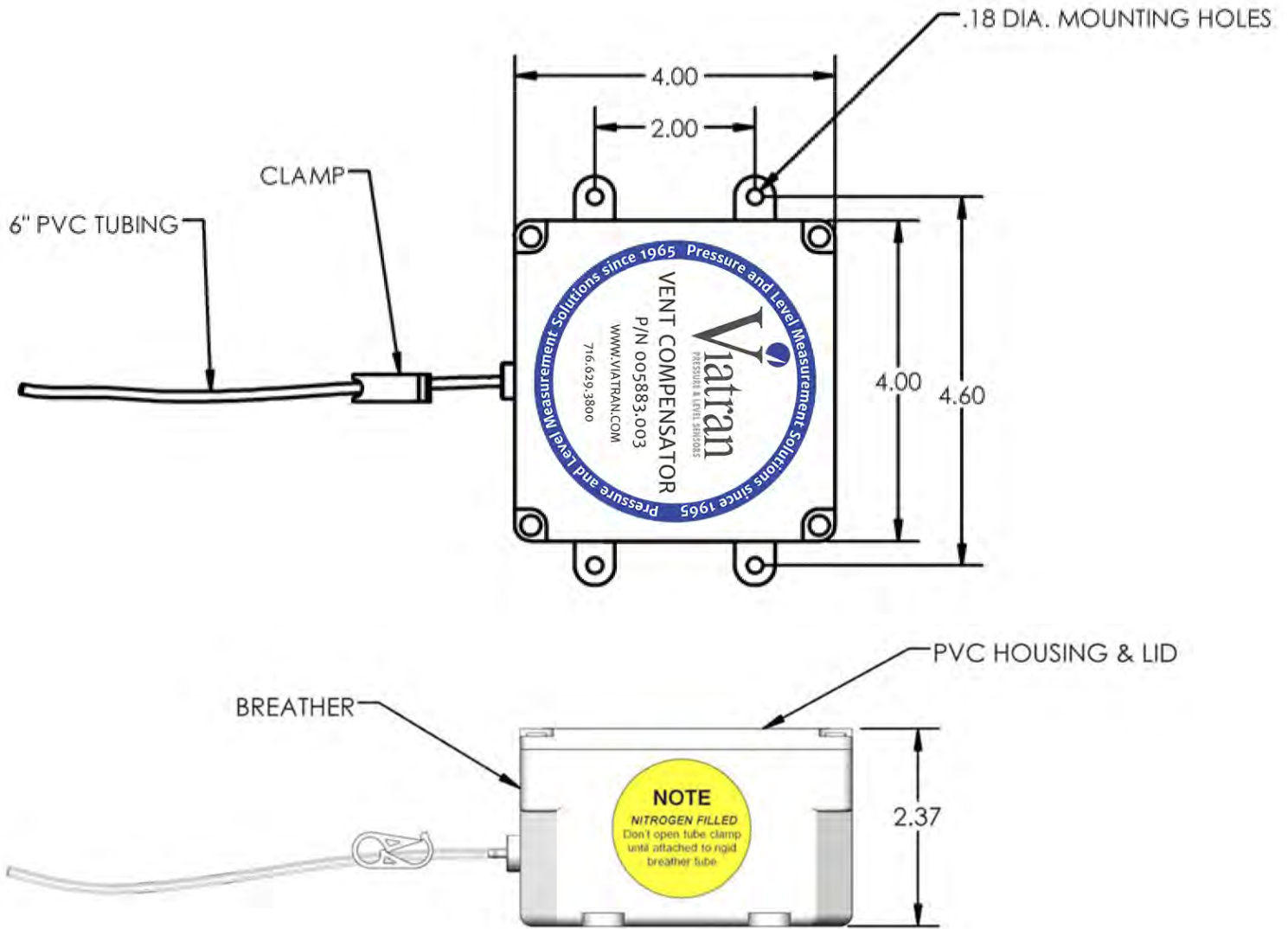
INSTALLATION INSTRUCTIONS

NOTE: The Vent Compensator's internal bladder and tubing has been purged with clean dry Nitrogen. For best results, do not open tubing clamp until step 5 below. Do not blow into tubing.

1. Do not open Vent Compensator's tubing clamp or remove submersible transmitter's protective breather filter until installation instructions are read and understood thoroughly. It is important to protect the vent tube from condensation ingress at all times.
2. Route the submersible transmitter's cable to its termination/wiring point before adding on the Vent Compensator. Use care to not kink cable. Due to the internal breather tube, tight bends should not be applied to the transmitter's cable. For static measurements a minimum bend radius of 10x the cable diameter should be used. For dynamic measurements a minimum of 20x is recommended.
3. Mount the Vent Compensator near transmitter termination point with tubing outlet facing down.
4. Remove submersible transmitter's protective breather filter so it's rigid breather tube is exposed. Immediately slide an 1/8" or more of tubing from the Vent Compensator over the transmitter's breather tubing.
5. Open Vent Compensator's tubing clamp and slightly massage crimped tubing to open its passage way. The tubing will eventually return to its normal shape on its own.

ACCESSORIES- VENT COMPENSATOR

DIMENSIONAL DATA



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