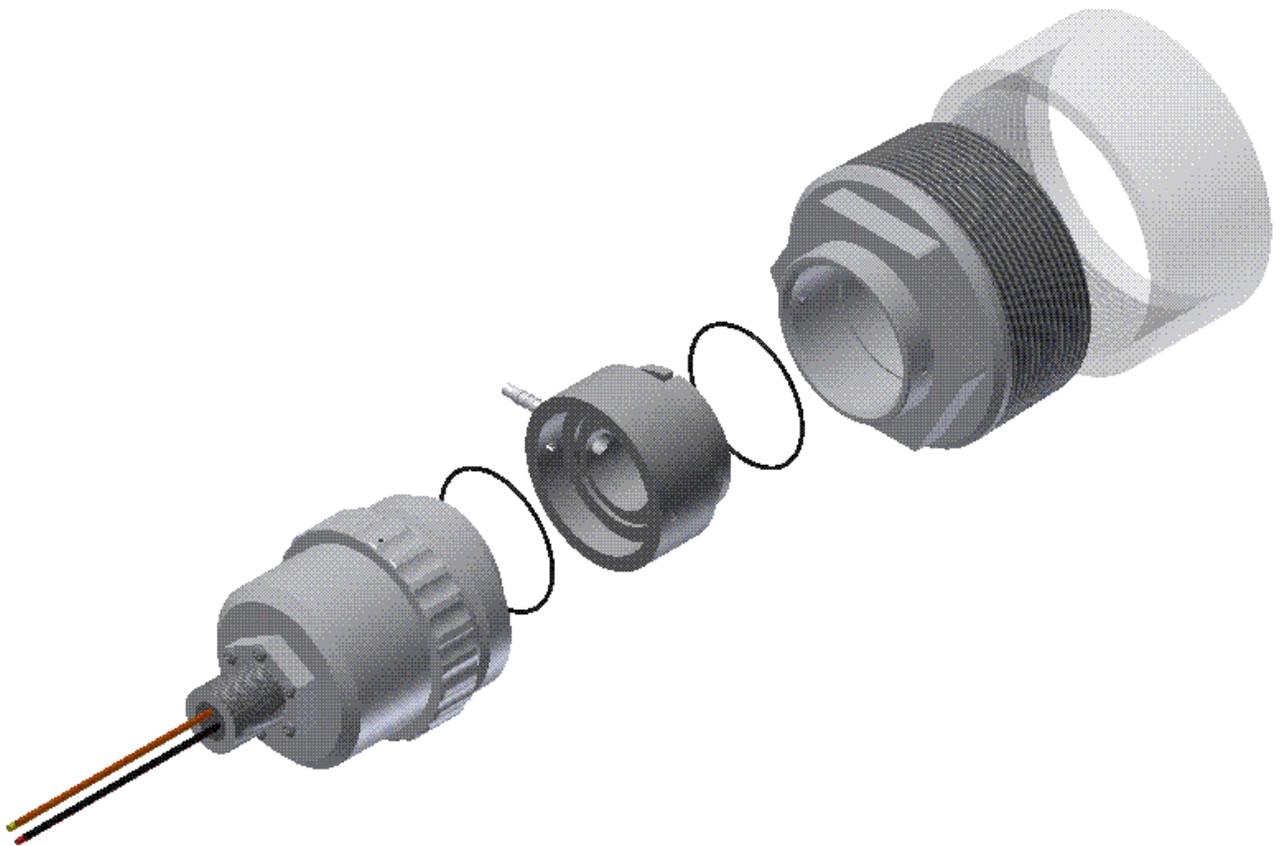


SENSALERT PLUS[®]

4 INCH MNPT Pipe Mount

Installation Manual

Document No. 360-0163-01
(Revision 2)



SENSIDYNE[®]

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4 inch MNPT Pipe Mount Assembly

WARNING

Installation must be done in accordance with all local electrical codes. All warnings and Installation Instructions should be read and understood as contained in the SensAlert Plus Universal Gas Transmitter User Manual (P/N 360-0087-01).

PERFORMANCE WARNING:

Sensor performance with Pipe Mount Kit and Remote Calibration added may vary because of longer diffusion path lengths and variability of flow conditions.

The Pipe Mount Assembly Kit (P/N 821-0235-01) components are listed below:

625-0207-014 INCH MNPT Pipe Adaptor for Bayonet Mount
310-0077-01Duct Mount Sensor Holder
150-1467-70Duct Mount Sensor Holder O-ring (Internal)
7015044-70-035Duct Mount Sensor Holder O-ring (External)

An optional Remote Calibration Adapter (P/N 7013422) is also recommended.
An optional Remote Sensor Kit (P/N 821-0207-01 or 821-0207-02) is available.

Transmitter Preparation

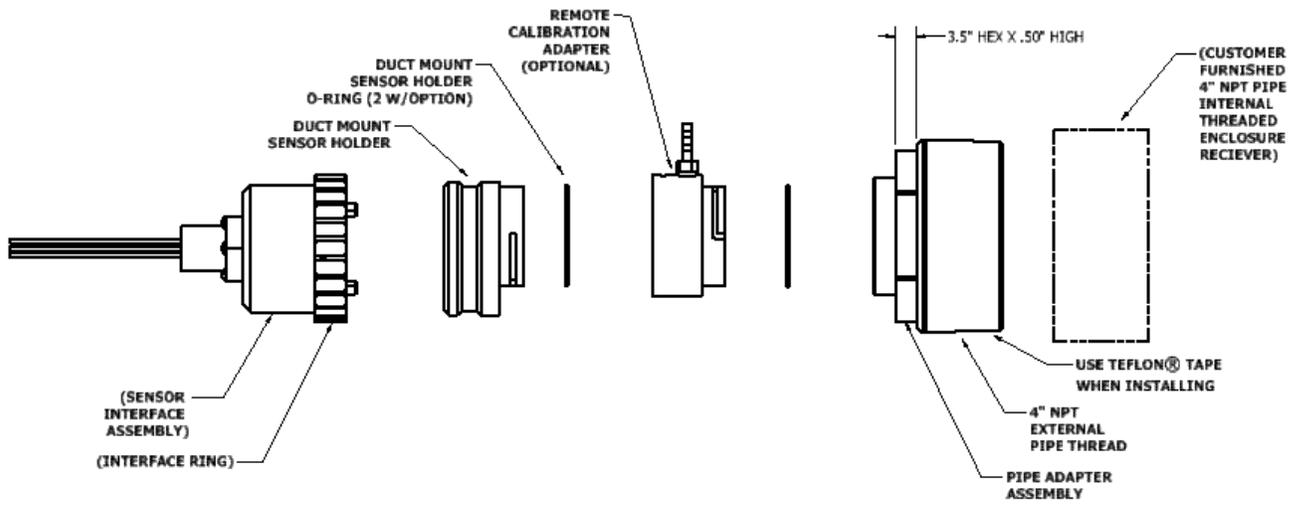
- 1) Remove power from the transmitter.
- 2) Unscrew the Interface Ring on the Sensor Interface Assembly and remove Sensor Holder.
- 3) Make certain the O-ring is properly seated inside the Duct Mount Sensor Holder.
- 3) Install the Duct Mount Sensor Holder by aligning the Dowel Pins with the Holes in the Holder.
- 4) Secure the Duct Mount Sensor Holder by tightening the Interface Ring.
- 5) Install the Sensor Interface Assembly into Duct Mount Assembly.
- 6) Apply power to the Transmitter. Allow it to stabilize for *at least* 1 hour before calibrating the unit.

Installation

Refer to the Figure on the next page and install the Pipe Mount Assembly as follows:

- 1) Obtain a 4" inch FNPT internal threaded half coupling or other receiver and weld into enclosure to be sampled.
- 2) Using a 3.5" Wrench, turn the Pipe Adapter Assembly into the receiver using Teflon® tape. (Approx. full pipe thread engagement is 1.3").
- 3) If remote calibration and testing is desired, install o-ring & the optional Remote Calibration Cup Assembly into the Pipe Mount Plate before the Sensor Interface Assembly is mounted.
- 4) Mount the Sensor Interface Assembly prepared with the Duct Mount Sensor Holder into the Pipe Adapter Assembly with an o-ring.

SensAlert Plus 4 inch MNPT Pipe Mount Assembly



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