

6.0 RETURNING PRODUCTS FOR REPAIR

Please contact a Setra application engineer (800-257-3872, 978-263-1400) before returning unit for repair to review information relative to your application. Many times only minor field adjustments may be necessary. When returning a product to Setra, the material should be carefully packaged and shipped prepaid to:

Setra Systems, Inc.
159 Swanson Road
Boxborough, MA 01719-1304
Attn: Repair Department

To assure prompt handling, please supply the following information and include it inside the package or returned material:

1. Name and phone number of person to contact.
2. Shipping and billing instructions.
3. Full description of the malfunction.
4. Identify any hazardous material used with product.

Notes: Please remove any pressure fittings and plumbing that you have installed and enclose any required mating electrical connectors and wiring diagrams.

Allow approximately 3 weeks after receipt at Setra for the repair and return of the unit. Non-warranty repairs will not be made without customer approval and a purchase order to cover repair charges.

Calibration Services

Setra maintains a complete calibration facility that is traceable to the National Institute of Standards & Technology (NIST). If you would like to recalibrate or recertify your Setra pressure transducers or transmitters, please call our Repair Department at 800-257-3872 (978-263-1400) for scheduling.

7.0 WARRANTY AND LIMITATION OF LIABILITY

SETRA warrants its Model 265 Transducer products to the original consumer purchaser against defects for a period of one year from the date of sale by SETRA, as shown in its shipping documents. Without charge, SETRA will repair or replace products found to have manufacturing defects within the warranty period.

The serial number or date code must not have been removed, defaced or otherwise changed.

SETRA must be notified in advance of any returns; any products returned to SETRA must be transportation prepaid.

The foregoing warranty is in lieu of all warranties, express, implied or statutory, including but not limited to, any implied warranty of merchantability for a particular purpose.

SETRA's liability for breach of warranty is limited to repair or replacement, or if the goods cannot be repaired or replaced, to a refund of the purchase price. SETRA's liability for all other breaches is limited to a refund of the purchase price. In no instance shall SETRA be liable for incidental or consequential damages arising from a breach of warranty, or from the use or installation of its products.

No representative or person is authorized to give any warranty other than as set out above or to assume for SETRA any other liability in connection with the sale of its products.

For all CE technical questions, contact Setra Systems, USA. EU customers may contact our EU representative, Hengstler GmbH, Uhlndstr, 49, 78554 Aldingen, Germany (Tel: +49-7424-890; Fax: +49-7424-89500)

159 Swanson Road, Boxborough, MA 01719-1304
Tel: 800-257-3872/978-263-1400



Installation Guide

Setra Systems Model 265 Differential Pressure Transducer

1.0 GENERAL INFORMATION

Every Model 265 has been tested and calibrated before shipment. Specific performance specifications are shown on page 3 of this Guide.

Setra Systems 265 pressure transducers sense differential or gage (static) pressure and convert this pressure difference to a proportional high level analog output for both unidirectional and bidirectional pressure ranges. The Model 265 is available in the following excitation and output versions:

<u>Excitation</u>	<u>Output</u>
9-30 VDC	0-5 VDC
9-30 VAC	0-5 VDC
12-30 VAC	0-10 VDC
9-30 VDC (measured between the + and - terminals)	4-20 mA

Check the label on the unit to confirm the excitation and output.

2.0 MECHANICAL INSTALLATION

2.1 Media Compatibility

Model 265 transducers are designed to be used with air or nonconducting gases. Use with liquids or corrosive gases will damage the unit.

2.2 Environment

The operating and compensated temperature limits of the 265 are 0°F to +150°F (-18°C to +65°C).

2.3 Pressure Fittings

The Model 265 is supplied with two factory installed 1/4" O.D. pressure fittings for the pressure signal connection and typically installed with 1/4" push-on tubing. Both the positive (high) pressure port and the reference (low) pressure port are located on the front of the unit, labeled "HIGH" and "LOW" respectively. For best results (shortest response times), 3/16" I.D. tubing is suggested for tubing lengths up to 100 feet long, 1/4" I.D. for tubing lengths up to 300 feet, and 3/8" I.D. for tubing lengths up to 900 feet.

3.0 ELECTRICAL INSTALLATION

If the Model 265 is supplied with the optional Conduit Enclosure, access the electrical terminations by removing the cover.

For CE compliance a shielded cable with both ends properly grounded is required.

3.1 Voltage Output Units

The Model 265 voltage output is a 3-wire circuit, with three terminals available for wiring. These terminals have the designation COM, OUT and EXC (see Diagram 1). [Note: The - designation above COM and the + designation above EXC are designations for the current output terminals.] The -Excitation and -Output are commoned on the circuit (see Diagram 2). The 265 voltage output can operate from 9-30 VDC or 9-30 VAC excitation with 0-5 VDC output, or 12-30 VAC excitation with 0-10 VDC output.

