



**REOTEMP TRANS-P LINE Pressure Transmitters and Transducers** \* all convert applied pressure to an electrical signal that can be interpreted by a computer or other interpretive device, where it can be used to display or control a process variable.

**Output:** Reotemp transmitters produce either a 4-20 mA signal (the most common output), or a variety of voltage outputs, such as 1-5 VDC and 0-10 VDC (3 wire).

**Sensors:** Piezoresistive diffused semiconductor technology is standard for pressures up to 300 psi. For higher pressures (up to 60,000 psi), sputtered thin film technology is used. These sensors are exceptionally stable, shock resistant, and durable. Our piezoresistive and thin-film sensors are made with no epoxies or bonding agents, virtually eliminating signal instability or drift.

**Unit Integrity:** Sensor durability, along with mechanical integrity of the stainless case and all-welded process connection, produce a rugged instrument designed to provide consistent performance under severe industrial conditions.

**Accuracy:** Accuracies from 0.5% to 0.025% are available. Each unit is temperature compensated to provide stable accuracy over large ambient variations and long periods of time.

**Ready to Go:** Whether shipped alone or with a Digital Indicator, each Reotemp transmitter is inspected and calibrated prior to shipment to assure it is 100% “Ready to Go” right out of the box!

**Large Transmitter Stock:** Reotemp stocks many transmitter models in a large variety of ranges, mainly with 4-20 mA output, because of their popularity. See the range table on page 39 for indication of our in-stock offering.

**\*Transmitter or Transducer?** “Transmitter” is often used when referring to a pressure sensor with variable current (mA) output, whereas “Transducer” usually implies voltage output. For simplicity, we use the term “transmitter” for all sensors offered in this catalog.

**Trademarks:** These non-Reotemp trademarks are used in this catalog, and are the property of their respective owners: Teflon®, Iso-ring®, Tri-Clamp®, In-line Seal®, Hastelloy®, Neobee®, Hirschmann®.

## WARRANTY

REOTEMP Instrument Corp. warrants all TRANS-P line transmitters against defective workmanship or materials under normal use and service for three years following date of shipment (for transmitters) and one year (for series DM indicators.) Reotemp’s liability is limited to repair or replacement at the factory, shipping charges prepaid.

This warranty does not cover deterioration from normal wear and tear, chemical or environmental corrosion, exposure to temperatures, pressures, or vibration beyond those recommended, or forces or abrasion which cause deformation of component parts.

This warranty is expressly in lieu of any other warranty, expressed or implied. Reotemp shall not be liable for any direct or consequential damages arising out of any defects or from any cause whatsoever.

All product designs and specifications are subject to change without notice.