

Pulsation and Vibration are two of the most common causes for Pressure Gauge malfunction and failure. Reotemp has unique solutions to these process variables that will make your operation simpler, easier, and safer.



DampX™ REOTEMP'S DAMPENED MOVEMENT MECHANISM

- Reduce Pointer Flutter in Pulsating and Vibrating Service
- Lightweight and Leak-Free Compared to Liquid Filled Gauge
- Available on Reotemp 2.5" HD Industrial Gauges (PR25) and 4.5" Process Gauges (PT45)

The Reotemp DampX Movement reduces the impact of process pulsation and vibration on the pressure gauge pointer by adding resistance to the pointer shaft rotation. A fin is attached to the back end of the pointer shaft and an oil-filled cap surrounds that fin. This mechanism increases the resistance on the pointer shaft and thus stabilizes the movement of the pointer relative to that of the bourdon tube and sector gear. The result is a pointer that reacts as if it is in a liquid filled case.

How to Order: Specify with Option Code "DX" at the end of the pressure gauge part number



Pulse+™ REOTEMP'S ULTIMATE PULSATION DAMPENER

- Increase the lifespan of your pressure gauge
- Isolate the gauge working parts from severe process pulsation
- Available on Reotemp Pressure Gauges mounted on most Diaphragm Seals

Reotemp's PulsePlus is a proprietary pulsation dampening feature that isolates the internal components of mechanical pressure gauges from the damaging effects of process pulsation. Available on most diaphragm seals with Reotemp pressure gauges integrally mounted, the PulsePlus feature restricts the flow of the seal fill fluid before the shock enters the bourdon tube and pressure gauge movement resulting in a safer, longer lasting mechanical pressure gauge.

How to Order: Specify with Option Code "PP" at the end of the diaphragm seal part number.

Reotemp is a globally recognized ISO 9001 registered manufacturer of temperature and pressure instrumentation. Reotemp sells through a mature distribution network that reaches all 50 states and 30 countries worldwide. We provide bimetal thermometers, pressure gauges, diaphragm seals, RTDs, thermocouples, pressure transmitters, compost thermometers, and related accessories to a variety of process markets worldwide. Our reputation is built on high quality products, quick standard lead times, and exceptional customer support.