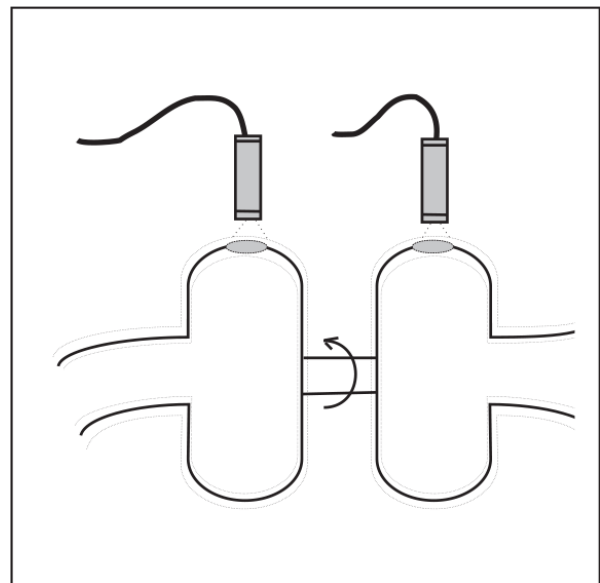


## IRT/C MEASURES VIBRATING OBJECTS

Measuring the temperature of objects that are nominally stationary, but vibrate, can be a difficult problem because of mechanical fatigue of any contact device. An example is continuous monitoring of the casing temperature of both the turbine and compressor side of a turbocharger. Thermocouples or other contact devices fail after only a few hours due to the high frequency vibration present during turbocharger operation.

The IRt/c provides a simple and inexpensive solution. Mounting the IRt/c's to a non-vibrating surface, they can monitor the turbocharger temperature without being subject to the destructive vibration.

Wherever there is a requirement for machinery monitoring, temperature should be included; and for machines that vibrate, the best solution is the IRt/c.



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