Absolute Process Instruments, Inc.
Manufacturer of Quality Signal Conditioners Transmitters & Isolators

Application Notes

❏ **General Info**
■ **Temperature**
❏ **Pressure**
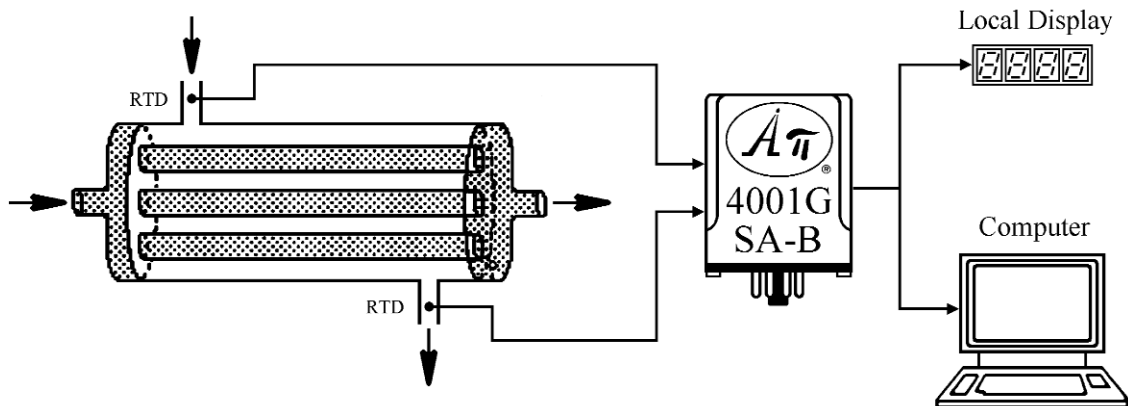❏ **Flow**
❏ **Speed**
❏ **Weighing**
❏ **Process**

Monitoring and Controlling Differential Temperature

PROBLEM
Monitor the temperature differential across a heat exchanger and provide an output signal for the process control computer and a local display.

SOLUTION
Install RTDs to measure the heat exchanger inlet and outlet temperatures and connect the RTDs to an **API 4001 G SA-B** Non-Isolated Differential RTD to DC Transmitter module.

The **API 4001 G SA-B** will directly measure the temperature differential and provide an output to drive the local display and the process control computer.

Did You Know…?

Api will do non-standard and special ranges on all of our products.