

- General Info
- Temperature
- Pressure
- Flow
- Speed
- Weighing
- Process



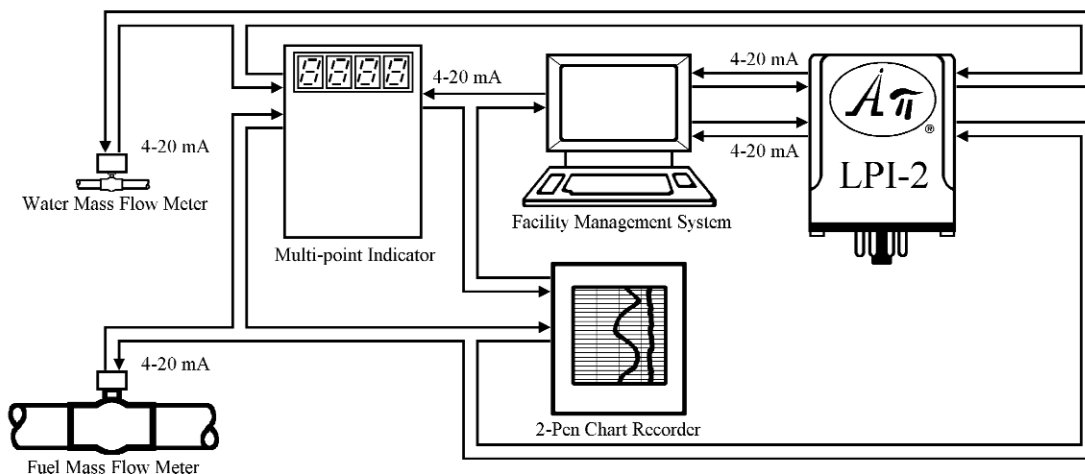
Monitoring and Recording Mass Flow and Mass Flow Ratio

PROBLEM

A natural gas turbine is equipped with water injection to satisfy environmental regulations. Mass flow meters are installed on the fuel and water injection lines to the turbine, and are monitored by a local multi-point indicator which also calculates, displays and provides an analog output of the water to fuel mass flow ratio. The fuel mass flow and the water to fuel mass flow ratio need to be plotted on a 2-pen chart recorder and also be monitored by a computer-based facility management system. The mass flow meters and the multi-point indicator are independently self-powered.

SOLUTION

Use an API LPI-2 Loop Powered Isolator Twin-Pack module to prevent ground loops.



The API LPI-2 allows the Facility Management System computer to monitor both the inputs and the output of the multi-point indicator without introducing errors due to ground loops.

FREE APPLICATION ASSISTANCE
 Call **Customer Service**
800-942-0315

Did You Know...?

That a DIN style version of the LPI-2 is also available. Specify model DPI-2.