

Absolute Process Instruments, Inc.

Manufacturer of Quality Signal Conditioners Transmitters & Isolators

Application Notes

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

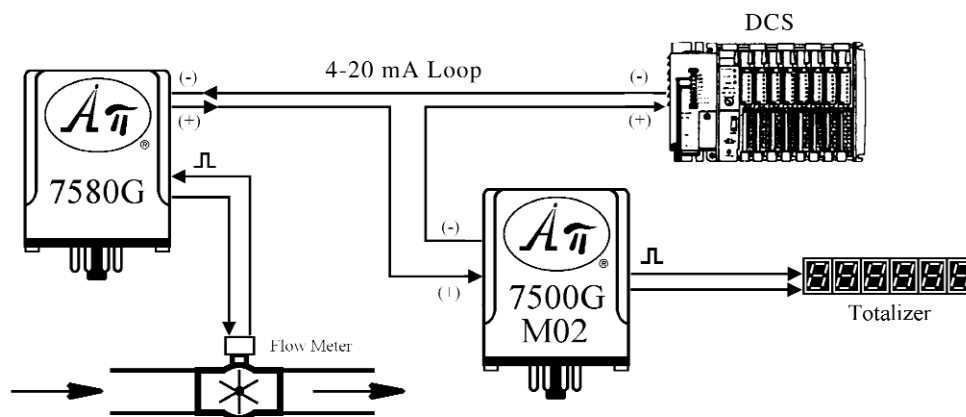
Monitoring and Totalizing Flow Meter Output

PROBLEM

The frequency output signal of a flow meter must be monitored by a DCS as well as a remotely located counter/totalizer. The counter/totalizer accepts a TTL frequency input.

SOLUTION

An API 7580 G Isolated Frequency to DC Transmitter module is connected to the frequency output of the flow meter. The API 7580 G has a built-in loop power supply to power the current loop.



The 7580 G converts the frequency to a 4-20 mA output which is sent to the DCS and an API 7500G M02 mounted near the remote counter/totalizer. The API 7500 G M02 converts the 4-20 mA signal to a TTL frequency signal for the counter/totalizer.

Did You Know...?

Most Api plug-in style modules are hot swappable?

FREE APPLICATION ASSISTANCE

Call  Customer Service

800-942-0315

