CATEGORY:
- ❑ Temperature
- ❑ Pressure
- ■ Flow
- ❑ Speed
- ❑ Weighing
- ❑ Other

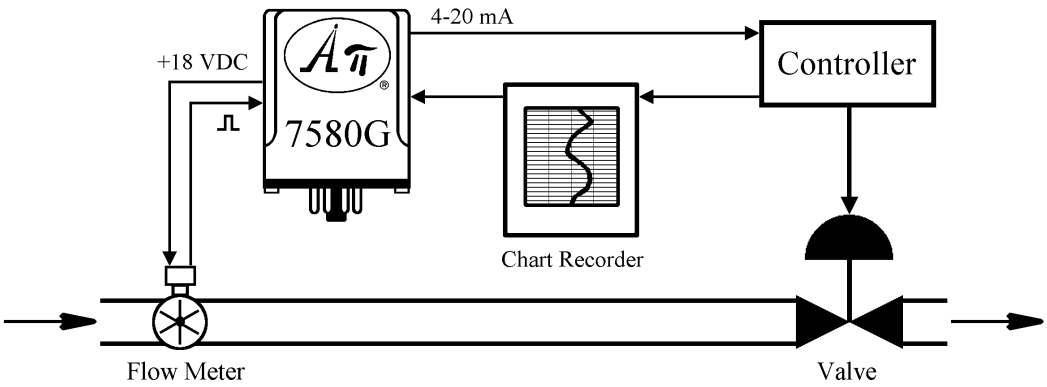
CONTROLLING AND RECORDING WATER FLOW

PROBLEM:

A process requires a controlled water flow which must also be recorded.

SOLUTION:

A linear flow meter and a control valve are installed in the water line. Power for the flow meter is provided by the +18 VDC loop excitation supply available as standard on an Api Model 7580G Field Selectable Isolated Frequency to DC Transmitter module. The Api 7580G converts the frequency output of the flow meter to a 4-20 mA signal which is used to control and monitor the flow to the process.



The Api 7580G features 30 selectable input ranges from 0-100 Hz to 0-30 KHz, and 16 selectable output ranges. In addition, the optical isolation protects against unwanted ground loops and electrical noise.

Did You Know ... ?

Many Api transmitters & alarms come standard with a +18 VDC input loop excitation power supply.