

## The meters for irrigation systems, building management and the general industry

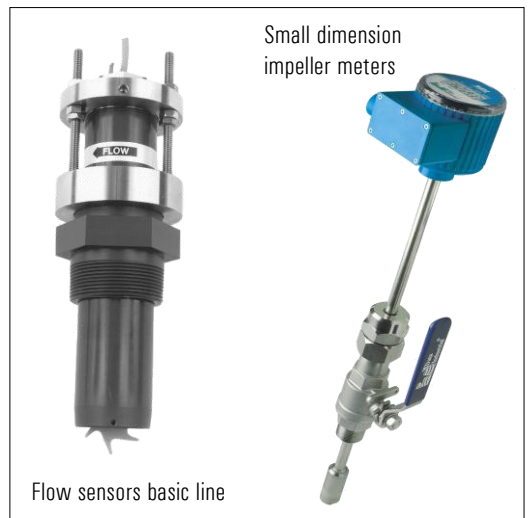
Impeller meters are a low cost alternative in irrigation systems (sprinklers, chemical injection processes in water treatment, water management, etc.), in municipalities (fluoridation, pump control, etc.) in the energy management (HVAC, building management, energy consumption monitoring, outdoor lighting control, etc.) and in the general industry (batch processes for bakeries, adding color dye to water for textile, food processing, inks, and other color additive mixtures, adding liquid vitamins and nutrients to feed water for livestock, automation in the film industry, etc.)

### Features

- 2" up to 48"
- Special models up to 120"
- Large temperature range and pressure rates
- Bidirectional measurements possible
- Very good price / performance ratio



Small dimension impeller meter



Flow sensors basic line

### Monitors and transmitters

#### Features

- Universal
- Energy monitoring systems
- Batch controlles
- Various output options



Monitors and transmitters for all flow sensor series

\*Data Industrial is a Badger Meter, Inc. company.

## Applications

### Energy market

- Building management systems
- Chill water systems / chiller control
- Energy consumption monitoring
- Energy management/energy control systems
- Heating & cooling systems
- HVAC systems
- Measurement of formaldehyde to resin reactor
- Multiple BTU energy monitoring
- Outdoor lighting control
- Submetering energy



### Irrigation market

- Booster pump control by flow
- Booster pump control with model 330
- Chemical injection for water treatment
- Leak control in gravity flow irrigation systems
- Leak control in irrigation systems supplied by pumps
- Measurement of formaldehyde to resin reactor
- Multiple pump control in irrigation systems
- Preventing wasting water
- Sprinkler control in irrigation systems
- Well point flow monitoring in ditch irrigation systems
- Well pump discharge line



### General industry

- Automated film processing (photography industry)
- Chemical injection process
- Flow inlet & outlet measurement on portable reverse osmosis skids
- Level monitoring
- Online batching process for bakeries
- Pressure monitoring
- Temperature monitoring
- Temperature compensated flow
- Water supply control for fish production
- Ultra pure water (semi-conductor industry)



### Municipal market

- Chemical injection
- Filter backflush systems
- Fluoridation control
- Municipal pumping station
- Sensor installation into cast iron pipe
- Well point flow monitoring in ditch irrigation systems

