

Irrigation Control Systems feature water management programs that require inputs from flow measuring devices. The recommended devices are the Badger Meter impeller flow sensors and electronics packages.

Refer to the chart below to select the right equipment for your installation.

SENSORS Mount on the pipe and sense the water velocity.

DRY LOCATIONS: When the sensor is installed inside pump houses or utility rooms of buildings use Standard Sensors.

WET LOCATIONS: When the sensor is installed below grade in valve boxes or meter pits - use "IR" Sensors.

FOR PIPE SIZES 4" AND UP: Use Insert Style Sensors, like the IR220B mounted on a saddle for the best flow performance.

FOR PIPE SIZES BELOW 3": Use one of the Tee Type Sensors - like the IR220P for socket weld PVC type, or IR250B for threaded brass sensors.

FOR 3" PIPE SIZES: Choose either the IR220P Tee Type or the IR220B Insert Type. Both are available.

FOR PIPE LINES THAT CAN'T BE DRAINED TO SERVICE THE SENSOR: Use the "Hot Tap" Insert Style Sensor with the HTT insertion and removal tool.

TRANSMITTERS Convert the sensor output to a signal that controllers can interpret.

NO LOCAL DISPLAY: 600-15 - Use with F69300 Pulse Decoder where pulse rate does not exceed 10 pulses/minute.

310-00-Programmable Analog Transmitter - Use a Windows based PC to configure 4-20mA output

310-00-Programmable Analog Transmitter - Use a Windows based PC to configure scaled electronic pulses output

WITH LOCAL DISPLAY: 1500-010 (w/ relays) - Provides scaled dry contact type output when pulse rate does not exceed 10 pulses/minute.

NOTE: Follow specific wiring instructions for the Models chosen.

DAB-063-01

Badger® and Data Industrial® are registered trademarks of Badger Meter, Inc.

4-09



Please see our website at www.badgermeter.com for specific contacts.

Copyright © Badger Meter, Inc. 2009. All rights reserved.

Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent an outstanding contractual obligation exists.



BadgerMeter, Inc.

6116 E. 15th Street, Tulsa, Oklahoma 74112
(918) 836-8411 / Fax: (918) 832-9962
www.badgermeter.com