



ISF-302 Isoflow

The Model 302 Isoflow is a signal control device that receives the signal from one digital flow sensor and provides two electrically isolated outputs.

The Isoflow is compatible with all CST flow sensors and most other sensors producing a square wave output proportional to flow rate. It is not compatible with Hunter HFS sensors.

The Isoflow also provides optional control inputs allowing the device to selectively switch outputs from one channel to the other or both. Control inputs are also electrically isolated from each other, the flow input and outputs and the power supply.

The Model 302 features five LEDs to indicate operating conditions and aid in diagnostics.

APPLICATIONS

- Allow one flow sensor to simultaneously provide flow information to two irrigation controllers. In the case of smart controllers, the control inputs allow the active controller to block the flow signal to the inactive controller eliminating alarms for non-scheduled flow.
- Allow one flow sensor to simultaneously provide flow information to an irrigation controller and a pump control.
- Allow one flow sensor to simultaneously provide flow information to a pump control and a fertigation controller.
- Allow one flow sensor to simultaneously provide flow information to pump controls and a SCADA system.



DIMENSIONS

Electronics potted in ABS shell. Overall size 3"X1.5"X 1" high.

All leads are 20 AWG color coded 8" long

SPECIFICATIONS

- Power Supply Voltage: 12-24 VAC or DC
- Sensor Input: Up to 24 V pulse (~4.5 volt switch level)
- Control Inputs: 12-24 VAC or DC
- Signal Outputs: Open collector (10 mA sinking)

ORDERING INFORMATION

Order part number ISF-302-00