

General Information

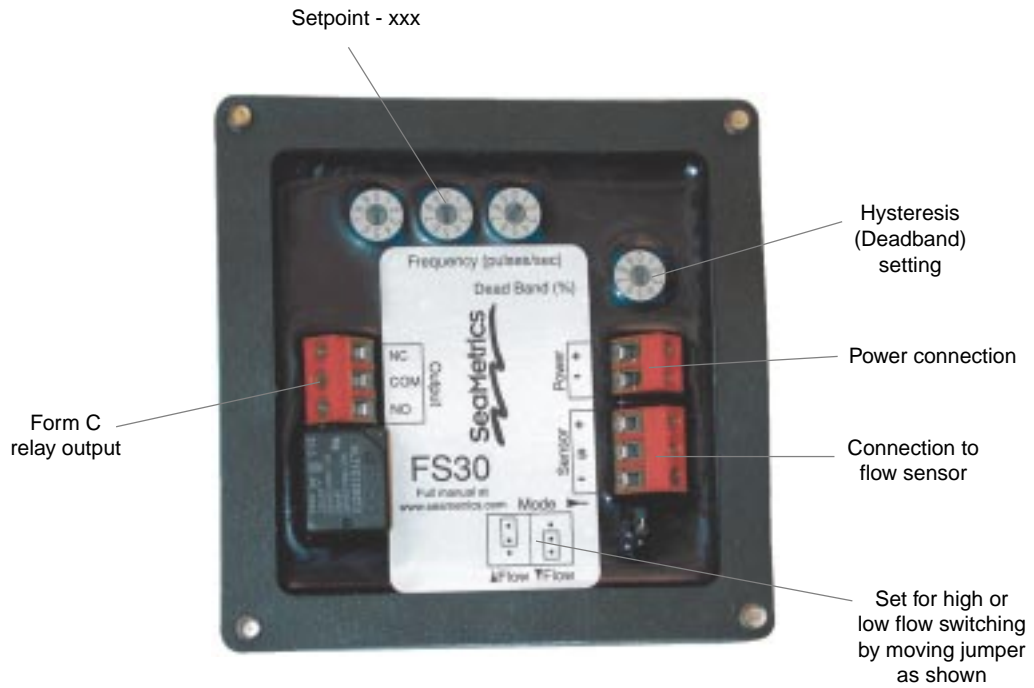
The FS30 is designed for use with any SeaMetrics flow meter or flow sensor to activate a switch closure at a set flow rate. Particularly suited for critical flows, it is called an “active” flow switch because if it should fail it would tend to fail in a false “no flow” condition, unlike vane-type switches which easily fail in a false “flow” mode. The FS30 can be set to activate on rise or fall, and the set point is input using rotary digital switches.

A variable hysteresis or deadband setting is provided to accommodate varying amounts of turbulence in the flow metering application. If the turbulence is significant, a larger deadband keeps the switch from chattering on and off when the flow is very close to the setpoint.

Specifications

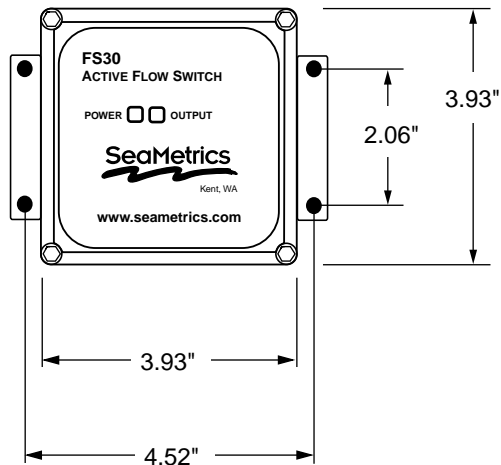
Power	12 - 36 VDC
Flow Sensor Power	5 VDC, 20 mA
Output	Form C relay, 10 A @ 120 VAC or 28 VDC max
Setting Range	1 - 999 Hz
Accuracy	1 %
Hysteresis	1 - 10%
Modes	High (close on rise), low (close on fall)
Response Speed Switch (after 90% change)	
Change rising	2.0 second
Change falling	3.0 second
Indicators	Power on (green), switch (red)
Temperature	32°- 120°F (0°- 5°C)

Features

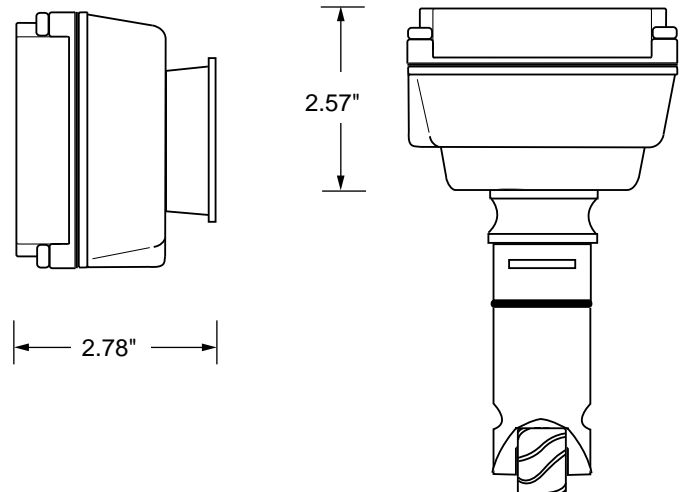


Dimensions

FS30
With Wall Mount Brackets



FS30
Sensor-Mount



SeaMetrics

20419 80th Ave. So., Kent, WA 98032 USA
Phone: 253-872-0284 Fax: 253-872-0285
www.seametrics.com 1-800-975-8153