

# FloGuard™ CFFG

ADJUSTABLE FLOW SWITCH DATA SHEET



## DESCRIPTION

Offered in both short and long sensor lengths, this innovative flow switch is a great choice for monitoring a variety of liquid applications. FloGuard sets your present flow-rate at 100% at power up. Relative flow rate is indicated by the 7 LED lights. When the flow rate drops to 50% an alarm goes off. If you prefer, you can adjust the alarm point to fit your needs. A green output indicating LED is also included. The short sensor is indicated for use in pipe sizes ranging from ½" to 1½" in diameter and the long sensor is recommended for pipe sizes 2" and up.

## SPECIFICATIONS

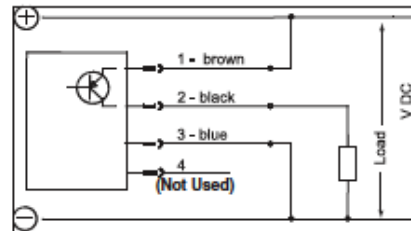
<b>Service</b>	Compatible Liquids
<b>Flow Set Point</b>	Pre-set to 50% (field adjustable)
<b>Process Temperature</b>	F: -4° to 176° C: -20° to 80°
<b>Response Time</b>	± 25 seconds
<b>Repeatability</b>	1%
<b>Hysteresis</b>	± 10% of set point
<b>Range</b>	0 to 5 fps (0 to 1.5 mps)
<b>Pressure</b>	450 psi (30 BAR)
<b>Enclosure Rating</b>	NEMA 6 (IP67)
<b>Process Connection</b>	1/2" NPT
<b>Housing Material</b>	Anodized Aluminum
<b>Sensor Material</b>	303 Stainless Steel
<b>Supply Voltage</b>	20-30 VDC (short circuit protected)
<b>Switching Current</b>	<200 mA
<b>Consumption</b>	6 W max
<b>Initial Operation</b>	After 15 seconds
<b>Output</b>	Standard PNP normally open (closed with flow), optional normally closed (open with flow)
<b>Cable</b>	
<b>Cable Jacket Material</b>	PVC
<b>Cable Type</b>	4-conductor, #22 AWG
<b>Cable Length</b>	6.5' (2m)

Note: Please Consult Factory for Special Requirements

## FEATURES & BENEFITS

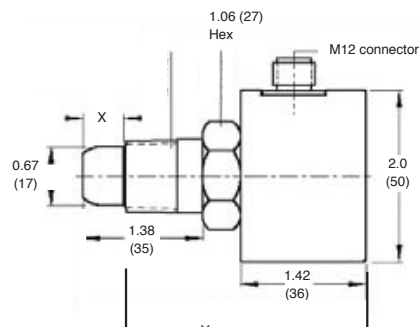
- Automatic scaling and set point
- NO moving parts
- Learn function for flow rate
- Pushbutton re-scaling if needed
- Easy to install

## CONNECTION DIAGRAM



## DIMENSIONS inches (mm)

Sensor	X	Y
Short	0.5" (12.5 mm)	2.77 (70.3 mm)
Long	2" (50.5 mm)	4.77 ( 121.1 mm)



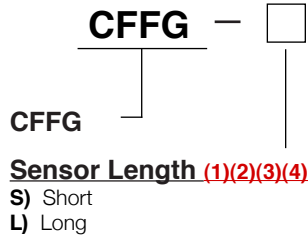
# Ordering Information

## FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **877.356.5463**

Use the diagram below, working from left to right to construct your FLO-CORP Model Number.  
Simply match the category number to the corresponding box number.

**Example: CFFG-S** FloGuard™ Adjustable Flow Switch with a short sensor length



### Ordering Notes

- (1) Select the short sensor for use with pipe sizes 1/2" to 1" in diameter and the long sensor for 2" and up.
- (2) Standard relay is normally open. For optional normally closed relay, place NC at the end of the P/N: (ie: CFFG-S-NC), no additional charge
- (3) This unit comes standard with NPT (US) threaded connections. To special order BSP (Metric) connections, place BSP at the end of the P/N" (ie: CFFGS-BSP)
- (4) Comes complete with 6.5' (2 m) pre-wired cable and manual.