

Micro Flow Switch - FS6900 Series

Adjustable Gas/Liquid Series for High Temperatures

Designed to precisely detect increasing or decreasing flow rate of gases or fluids in demanding, high temperature process analyzer applications. The field adjustable poppet allows for precise settings. The miniature, compact construction is ideal for high density system packaging.

Made in the USA.

Hazardous Service Certifications:

- CSA Certified Class I, Div 1&2, Groups A, B, C, D
Class II, Div 1&2, Groups E, F, G
Class III

Features:

- Fully Field Adjustable Set Point
- Operates In Any Orientation
- 316 Stainless Steel Construction
- Shock and Vibration Resistant
- Contamination Resistant
- 1/8 and 1/4 NPT Connections

Specifications:

- Switch Assembly SPDT UL 61760
- Voltage 100 VDC, 120 VAC max
- Contact Rating 3 Watts resistive max continuous
- Current Switching 0.25 Amp max continuous
- Power 3.30 VA max - 100 VDC
2.46 VA max - 120 VAC
- Contact Resistance 0.20 Ohm max contact resistance
- Fluid Media Gases (including Corrosives) and Liquids
- Pressure 1000 psig max (69 bar)
- Max Ambient Temperature +300°F (+150°C)
- Internal Filter 40 micron
- Weight .45 lbs (205 grams)



Model FS6904

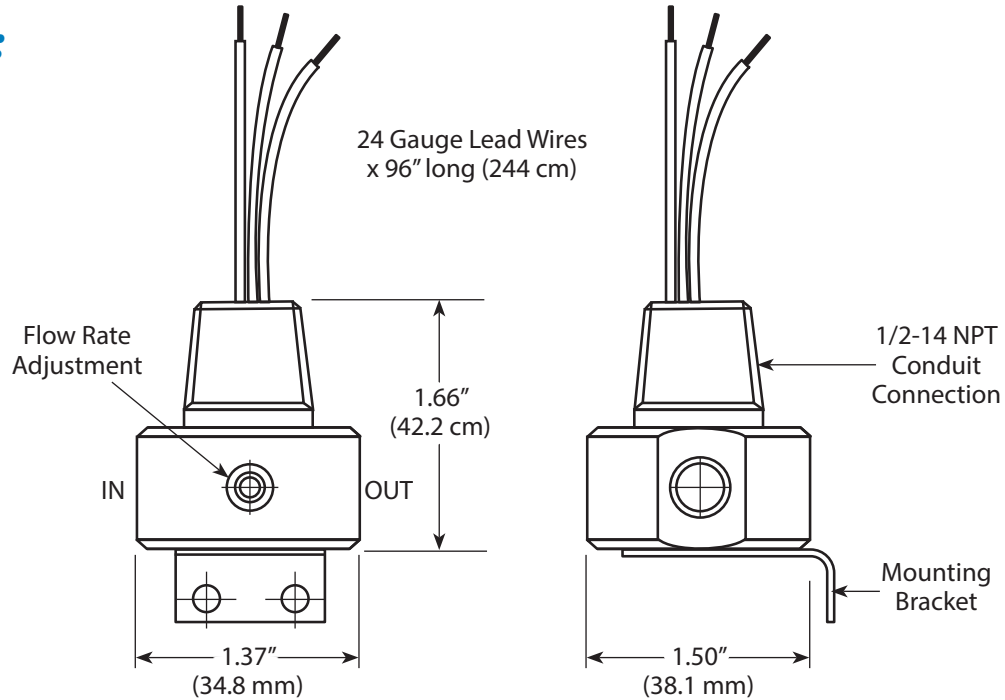
Materials:

- Body & Wetted Parts 316 Stainless Steel, Hastelloy, Monel or Titanium
- Spring Inconel X750
- Seals See **Ordering Information**

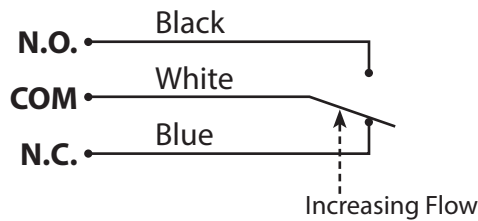
FS6900 Series

Micro Flow Switch - FS6900 Series

Dimensions:



Electrical Schematic:



Ordering Information:

FS6902 C V - 1 M

Basic Series

FS6902	1/8 NPT
FS6904	1/4 NPT

Material

C	316 Stainless Steel
H	Hastelloy
M	Monel
T	Titanium

Seal Material

V	Viton®	-20°F (-29°C) to +300°F (+149°C)
B	Buna-N	-40°F (-40°C) to +275°F (+135°C)
E	Ethylene Propylene (EPR)	-40°F (-40°C) to +230°F (+110°C)
K	Kalrez	+30°F (-1°C) to +300°F (+149°C)

Optional Mounting Bracket

Adjustable Flow Range - Gases

-1	30 sccm to 10 slpm
-3	1 slpm to 20 slpm

Adjustable Flow Range - Liquids

-1	0.5 ml/min to 400 ml/min
-3	10 ml/min to 800 ml/min

FS6900 Series

rev041316