

# FS-380 Series – Compact Flow Switch for High Inline Pressures

Flow Rate Settings: 0.15 GPM to 2.00 GPM Port Size: Multiple Primary Construction Material: Brass or Stainless Steel Setting Type: Fixed

These rugged inline flow switches require 100 micron filtration and are less susceptible to clogging than other high-pressure inline flow switches. The onepiece magnetic PPS composite piston makes the FS-380 ideal for high-pressure applications such as industrial cleaning equipment. The FS-380 is also an excellent choice for semicon cooling applications where simple design and reliable operation are required.

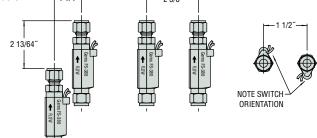
#### Specifications

Wetted Materials				
Housing	Brass or 316 Stainless Steel			
Piston	PPS Composite, Epoxy			
Spring	316 Stainless Steel			
O-Ring	Fluorocarbon			
Operating Pressure, Maximum	1500 PSI (107 bar); 500 PSI (34 bar) for 1/2" Barb Models			
Operating Temperature	-20°F to +275°F (-28.8°C to +135°C)			
Set Point Accuracy	±20% Maximum			
Set Point Differential	20% Maximum			
Switch*	SPST, 20VA, N.O. at no Flow			
Electrical Termination	No. 22 AWG, 24" to 26" Polymeric leads			
*0 "FL + 1 - 1 - 1	and the second se			

\*See "Electrical Data" on Page X-5 for more information.

### Spacing

To prevent sensor to sensor magnetic field interference, follow the spacing guidelines below.  $-11/4^{\circ}$   $-23/8^{\circ}$ 



## How To Order – Standard Models

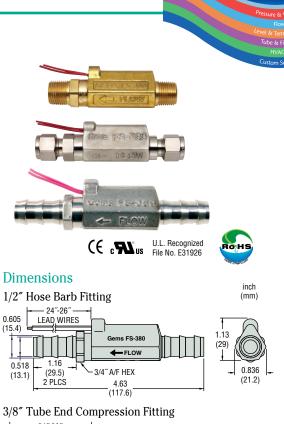
Specify Part Number based on flow settings.

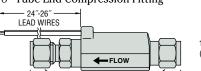
Flow Settings GPM <sup>1</sup>	Brass		Stainless Steel		
	1/2" NPT Male	3/8" NPT Male	3/8″ NPT Male	3/8" Compression	1/2″ Barb
0.15	_	181130 🗲	193482 🗲	212136	239693
0.25	192562 🗲	168432 🗲	179992 🗲	177592 🗲	239692
0.50	192563	168433 🗲	179993 🗲	177593	239691
1.00	192564 🗲	168434 🗲	179994 🗲	177594 🗲	239690
1.50	192566	168435	179995 🗲	177595 🗲	239689
2.00	192567	178353 🗲	179996	225525	239688

🗲 – Stock Items.

Note:

 Flow settings are calibrated using water @ 70°F on increasing flow with units in horizontal position. Consult factory for other fluid compatibility.





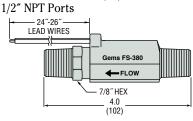
1/16" HEX

4.02

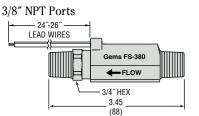
(102)



Boiswood









### Pressure Drop – Typical

