

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.

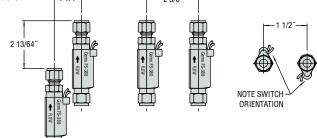
Specifications

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			
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*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

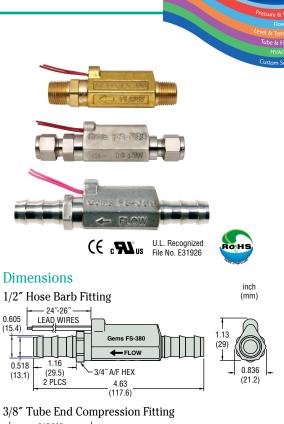
Specify Part Number based on flow settings.

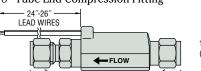
Flow Settings GPM ¹	Brass		Stainless Steel		
	1/2" NPT Male	3/8" NPT Male	3/8″ NPT Male	3/8" Compression	1/2″ Barb
0.15	_	181130 🗲	193482 🗲	212136	239693
0.25	192562 🗲	168432 🗲	179992 🗲	177592 🗲	239692
0.50	192563	168433 🗲	179993 🗲	177593	239691
1.00	192564 🗲	168434 🗲	179994 🗲	177594 🗲	239690
1.50	192566	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.





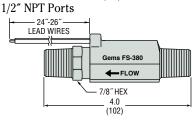
1/16" HEX

4.02

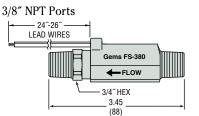
(102)



Boiswood









Pressure Drop – Typical

