

FS-480 Series – Stainless Steel Flow Switch for Large Flow, Low Pressure Drop

Flow Rate Settings: 0.50 GPM to 3.00 GPM Port Size: 1/2" NPT, 3/4" NPT, 1/2" Tube Compression Fitting Primary Construction Material: 316 Stainless Steel Setting Type: Fixed

The FS-480 large-body inline flow switch delivers ample flow rates with minimal pressure drop. 25% larger than its FS-380 sibling, the FS-480 is ideal for processes that push more fluid through their systems and demand low pressure drops. Designed to accommodate the Semiconductor Industry's move to larger 300 mm wafer and cross-over equipment, this switch is also perfect for critical medical equipment applications. A glass-reinforced PPS piston and forged 316 stainless steel body make this sensor rugged enough for high pressure lubrication and cooling systems as well. This simple, yet meticulously perfected design provides the reliability required in critical applications while allowing for much lower pressure drop rates than other available switches.

Specifications

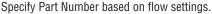
Wetted Materials			
Housing/End Fitting	316 Stainless Steel PPS, Epoxy		
Piston			
Spring	316 Stainless Steel		
0-Ring	Fluorocarbon		
Operating Pressure, Maximum	1000 PSI (69 bar)		
Operating Temperature	-20°F to +250°F (-28.8°C to +121°C)		
Set Point Accuracy	±20% Maximum		
Set Point Differential	20% Maximum		
Recommended Filtration	100 Micron or better		
Switch*	SPST, 20VA, 120/240 VAC, N.O. at no Flow		
Electrical Termination	No. 22 AWG, 24" PVC Cable		
*Con "Electrical Date" on Dage V E for more information			

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

Pressure Drop – Typical 1.0 GPM Set Point

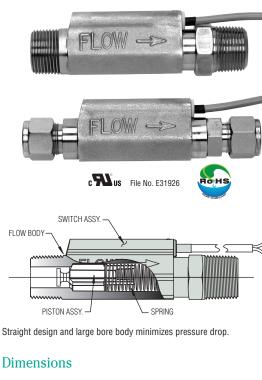


How To Order – Standard Models

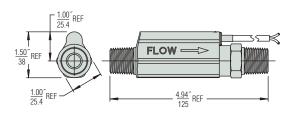


Flow Settings* GPM	1/2" NPT Port	3/4" NPT Port	1/2" Tube Compression Fitting
0.50	206915	204715	204710
1.00	206916	204716	204711
1.50	206917	204717	204712
2.00	206918	204718	204713
3.00	206919	204719	204714

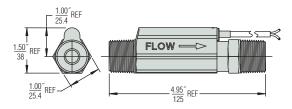
*Calibrated with unit in horizontal position.



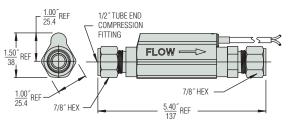
1/2" NPT Ports



3/4" NPT Ports



1/2" Tube End Compression Fitting



FLOW SWITCH