

InFLOW, INC.

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3/4" INLINE FLOW SWITCH

InFLOW, INC. announces the availability of its new 3/4" inline flow switch. These flow switches have only one moving part, can be used on many industrial liquids, have good accuracy and are very cost effective.

The Model *IFS* operates based on differential pressure across the device. As flow increases a pressure drop is generated across a spring loaded plunger. At setpoint or greater flow, the plunger moves to the trigger point to magnetically actuate a reed or hall effect type switch. As flow slows, the plunger will return to the null position. The *IFS* has generous internal clearances for reliability.

GENERAL SPECIFICATIONS:

Reed Switch:	100VDC / 0.25A, other available
Hall Effect Switch:	24VDC / 0.025A TTL compatible
Electrical Connection:	Cable
Setpoint Accuracy:	3.5%
Max. Temperature:	150 F, other available
Max. Pressure:	>500 psiG
Pressure drop, typical:	<0.5 psiD at setpoint, <10 psiD max
Std. Performance:	1.5 GPM setpoint, 18 GPM max flow
Wetted Parts:	Body – 360A Brass Plunger – PVC Type I, other available Spring – 302ss Misc. – 18-8ss
Weight:	12 Oz.
Connections / Length:	3/4" FNPT / 3.50"
Fluids:	Low to moderate viscosity liquids & gases



3/4" IFS designed for 1.5 GPM setpoint