

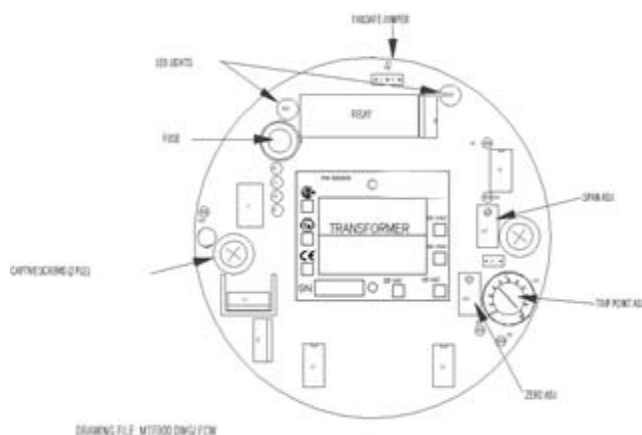
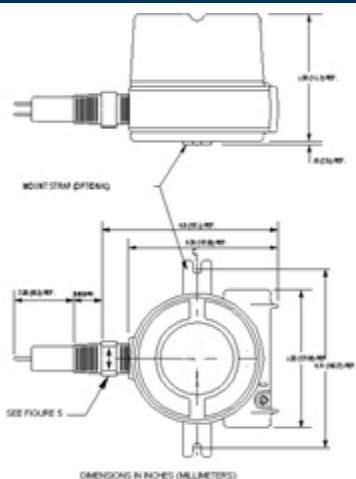
## GENERAL

**FEATURING**

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## SPECIFICATION

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|---|---|
| <ul style="list-style-type: none"> <li>● Process Connection : 0.75" MNPT standard.<br/>0.5 to larger MPNT, Sanitary and flanges optional</li> <li>● Process temperature : -70C to 200C (-100F to 390F) standard<br/>Medium T to 300C (572F) and High T to 485C (850F)</li> <li>● Operating pressure : to 207 bar (3000 psia)</li> <li>● Velocity Range : Depends on fluids<br/>Liquids : 0 to 1.5 mps Adjustable flow rate<br/>Gas: 0.07 to 150 mps Adjustable flow rate</li> <li>● Repeatability : +/- 1% of set point (Flow) or 1/32" (0.8mm) Level</li> <li>● Material : 316 SS standard. Hastelloy, Monel, Inconel, etc.</li> </ul> | <ul style="list-style-type: none"> <li>● Housing protection : Explosion Proof; NEMA 3,4X,7,9</li> <li>● Ex-protection : CSA, FM, UL, CENELEC and EECS approved</li> <li>● Power requirements : 115 VAC, 50/60Hz or 230 VAC, 50/60Hz<br/>24VDC optional. 3.1 Watt maximum<br/>Electronics: -40C to 60C (-40F to 140F)</li> <li>● Output: 5A. 250 VAC. DPDT with fail safe capability</li> <li>● Insertion Length: 2.0" standard. 0.5" or greater optional</li> <li>● Flow Switch: over a range of +/-10C.</li> <li>● Temperature compensated through entire range.</li> <li>● Stability: Drift &lt;0.5% from calibrated set point</li> </ul> |
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ALTS

Procedures to specify ALTS Flow and Level switch

You also need to provide the following information:

Type of liquid	We need the name of your liquid, or gas
Switch point settings	Flow set point and units..
Line Size	we need to know your pipe size as well connection type (flange, threaded, etc..)
Process Temperature	We calibration your Flowmeter as close to your application as possible
Type of Electronics	Indicate if you want integral or remote mounted
Power Requirements	Specify your power requirements such as 24 VDC or 115 VAC or 230 VAC

ALTS Thermal flow & level switches													
ALTS-FS4200 flow switch			XX	XXXX	XXX		XX"	XXX	XXX		Description		
ALTS-FS3200 - level switch			XX	XXXX	XXX		XX"	XXX	XXX		Description		
CSA approvals		CSA									Agency Approvals		
Cenelec Approvals		CNL											
No Approvals		NX											
0.75" MNPT (Standard)			0750								Process connection		
0.5" MPNT			050										
1" MNPT			100										
Raised face flange 150# 1"			RA1										
Raised face flange 150# 2"			RA2										
Raised face flange 300# 1"			RB1										
Raised face flange 300# 2"			RB2										
Special			SPL										
Sanitary with 3A stamp			3A1										
316 SS (Std)			S6								Sensor Material		
304 SS			S4										
304L SS			SL										
Hastelloy B			HB										
Hastelloy C			HC										
Inconel 600			IO										
Monel			MN										
Alloy 20			A2										
Special Material			SM										
Local Electronics				LE						Mounting			
Remote electronics with 3 meter cable				RE									
2 inch standard					002.0						Insertion length		
000.00 (0.5" and greater)					??								
24VDC								DC24				Power requirement	
AC120								AC110					
AC220								AC220					
200-300C								NT				Temperature	
300-458 C								HT					
Calibration required									CB				
Extended Neck (high temp)									EN				
Explosion Proof Window									XW				
Variable insertion									V1				
Hot Tap (live)									LT				
DS (double sided enclosure)									DS				
Thermocouple output									THM				
RTD output									RTD				
CE Approvals									CE				