

## Product specifications for model 2221

### Product Specifications (gauge,switch)

<b>sensor type</b>	variable area
<b>functions</b>	<b>gauge, gauge/switch, switch</b>
<b>calibration medium</b>	water (SG=1,V=1 CS), hydraulic oil (SG=.86,V=78 CS), compressed air (100 PSIG, 70°F) oil not available for EPDM units
<b>dial sizes</b>	2.5",3.5",4.5",6" style "B" and "F"
<b>dial Case Styles</b>	"B" basic case (c-clamp available on all but 2.5") "F" flanged case (w/holes for panel mounting)
<b>dial Starting Mark</b>	approximately 10% of full scale
<b>lens</b>	glass (plastic optional)
<b>range</b>	min: 0-1 GPM,1.5-10 SCFM max: 0-5 GPM, 3-25 SCFM
<b>accuracy</b>	±2% of full scale ascending after rap at room temperature for standard water and hydraulic oil, ±5% for standard compressed air <i>* Calibration accuracy is affected by temperature, liquid filling and follower-pointer applications.</i>
<b>repeatability</b>	±1% of full scale
<b>max. line/min. burst pressure</b>	3000\10000 psig
<b>direction of flow</b>	left to right, right to left available (reverse porting), vertical flow up, vertical flow down
<b>porting size &amp; orientation</b>	1/4" NPT porting, in-line only
<b>standard max. temperature</b>	<u>gauge</u> 200°F, 150°F plastic lens <u>gauge/switch</u> 176°F, 150°F plastic lens <u>switch</u> 176°F
<b>high temperature</b>	325°F (SS only, not available in aluminum or brass)
<b>minimum temperature</b>	consult factory
<b>switch type</b>	1 or 2 external hermetically sealed reed switch
<b>switch adjustability</b>	upper 80% of full scale ascending, 70% for B & C form switches in SS
<b>switch dead band</b>	5-20% full scale
<b>switch options</b>	-A SPST N/O (120VAC,0.7A,70VA;200VDC,1.0A,50W) -B SPST N/C (120VAC,0.25A,5VA;175VDC,0.25A,5W) -C SPDT (120VAC,0.25A,5VA;175VDC,0.25A,5W)
<b>switch setting</b>	top of range ascending or other set points within adjustability ascending or descending
<b>static &amp; piston seals</b>	Buna-N (Viton,Teflon, Neoprene, EPDM, Flourosilicone optional)
<b>primary wetted parts</b>	aluminum, 316 SS, naval brass (in-line only)
<b>secondary wetted parts</b>	SS range spring, SS spacers, Teflon coated ceramic magnet, Delrin cone Teflon coated spring, spacers & cone available
<b>certification</b>	CSA (File 043810) <i>*Consult factory for CE equivalent.</i>