



## Product specifications for model 2321

### 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 or PVC
<b>Dial sizes</b>	<u>PVC</u> : 2.5", 3.5" <u>All Others</u> : 2.5", 3.5", 4.5",6"
<b>Dial Case Styles</b>	"M" (PVC only) "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>	<u>PVC</u> : Plastic <u>All Others</u> : Glass, Plastic
<b>Range</b>	Min: 0-1 GPM, 4-30 SCFM compressed air (at 100 PSIG 70°F) Max: 0-10 GPM water, 3-25 SCFM compressed air (at 100 PSIG 70°F)
<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>	<u>PVC</u> : 200\750 psig <u>All Others</u> : 3000\10000 psig
<b>Direction of Flow</b>	<u>PVC</u> : Left to Right <u>All Others</u> : Left to Right, Right to Left available (reverse porting), vertical flow up, vertical flow down
<b>Porting size &amp; orientation</b>	1/2 NPT Porting In-Line
<b>Standard max. temperature</b>	<u>PVC</u> : 120°F <u>All Others</u> : <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>	<u>PVC</u> : N/A <u>All Others</u> : 325°F (SST only, not available in aluminum or brass)
<b>Minimum temperature</b>	<u>PVC</u> : 32°F <u>All Others</u> : 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 SST)
<b>Switch Dead Band</b>	5-20% full scale
<b>Switch Options</b>	<u>PVC</u> : N/A <u>All Others</u> : -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>	<u>PVC</u> : Viton <u>All Others</u> : Buna-N (Viton,Teflon,Neoprene,EPDM,Flourosilicone optional)
<b>Primary Wetted Parts</b>	<u>PVC</u> : PVC <u>All Others</u> : aluminum, 316 SS, naval brass (in-line only)
<b>Secondary Wetted Parts</b>	<u>All</u> : SS range spring, SS spacers, Teflon coated ceramic magnet, Delrin cone Teflon coated spring, spacers & cone available
<b>Certification</b>	CSA (File 043810) *Consult factory for CE equivalent.