

Product specifications for model 2221
Product Specifications (gauge,switch)

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| Sensor type | Variable Area |
| Functions | Gauge, Gauge/Switch, Switch |
| Calibration medium | 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 |
| Dial sizes | <u>PVC</u> : 2.5",3.5" style "M" only <u>All Others</u> : 2.5",3.5",4.5",6" style "B" and "F" |
| Dial Starting Mark | Approximately 10% of full scale |
| Lens | <u>PVC</u> : Plastic <u>All Others</u> : Glass, Plastic |
| Range | Min: 0-1 GPM,1.5-10 SCFM Max: 0-5 GPM, 3-25 SCFM |
| Accuracy | ±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> |
| Repeatability | ±1% of full scale |
| Max. line/min. burst pressure | <u>PVC</u> : 200\750 psig <u>All Others</u> : 3000\10000 psig |
| Direction of Flow | <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 |
| Porting size & orientation | 1/4 NPT Porting In-Line Only |
| Standard max. temperature | <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 |
| High Temperature | <u>PVC</u> : N/A <u>All Others</u> : 325°F (SST only, not available in aluminum or brass) |
| Minimum temperature | <u>PVC</u> : 32°F <u>All Others</u> : Consult factory |
| Switch Type | 1 or 2 External hermetically sealed reed switch |
| Switch Adjustability | Upper 80% of full scale ascending, 70% for B & C form switches in SS |
| Switch Dead Band | 5-20% full scale |
| Switch Options | <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) |
| Switch Setting | Top of range ascending or other set points within adjustability ascending or descending |
| Static & Piston Seals | <u>PVC</u> : Viton <u>All Others</u> : Buna-N (Viton,Teflon,Neoprene,EPDM,Flourosilicone optional) |
| Primary Wetted Parts | <u>PVC</u> : PVC <u>All Others</u> : aluminum, 316 SS, naval brass (in-line only) |
| Secondary Wetted Parts | <u>All</u> : SS range spring, SS spacers, Teflon coated ceramic magnet, Delrin cone Teflon coated spring, spacers & cone available |
| Certification | CSA (File 043810) *Consult factory for CE equivalent. |