



## Product specifications for model 2421

### Product Specifications

<b>sensor type</b>	variable-area
<b>functions</b>	gauge, gauge/switch, switch
<b>min. range</b>	0-10 GPM water
<b>max. range</b>	0-30 GPM water
<b>max. line pressure</b>	1500 psig
<b>min. burst pressure</b>	7000 psig
<b>standard maximum temperature</b>	gauge: 200°F standard, 150°F (plastic lens) gauge/switch: 176°F standard, 150°F (plastic lens) switch: 176°F
<b>high temperature construction</b>	gauge: 325°F (SS), 300°F (alum) gauge/switch, switch: N/A
<b>minimum temperature*</b>	<i>*Consult factory for low-temperature applications.</i>
<b>calibration accuracy**</b>	±2% of full scale ascending after rap at room temperature (for standard water and standard hydraulic oil calibration) <i>**Calibration accuracy is affected by temperature, and also by liquid-filling and follower-pointer options.</i>
<b>repeatability</b>	±1% of full scale
<b>switches</b>	1 or 2 external hermetically sealed reed switches
<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>certification</b>	CE

### Standard configuration options

configuration	unless otherwise specified	standard options available
<b>porting size</b>	1" NPT	1" RF Flanges
<b>porting orientation</b>	in-line	N/A
<b>direction of flow</b>	left to right	right to left (reverse porting), vertical flow up, vertical flow down
<b>calibration medium</b>	(must be specified)  (Oil not available for EPDM units)	water (S.G.=1, Vis.=1 CS) hydraulic oil (S.G.=.86, Vis.=78 CS)
<b>switches</b>	(must be specified)	-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>	set at top of range ascending	other set points within adjustability ascending or descending
<b>primary wetted parts</b>	(must be specified)	aluminum, 316SS
<b>secondary wetted parts</b>	range spring: 302SS magnet: Teflon-coated ceramic metering cone: Teflon	Teflon-coated spring
<b>static seals</b>	buna-N, except Viton for high temp.	Viton, Teflon, neoprene, EPDM, fluorosilicone
<b>lens</b>	glass	plastic
<b>dial sizes</b>	(must be specified)	2.5", 3.5", 4.5", 6"
<b>dial case styles<sup>+</sup></b>	(must be specified)	"B" Basic Case (c-clamp not available) "F" Flanged Case (w/holes for panel mounting)
<b>starting mark on dial</b>	approximately 10% of full scale	N/A