

**Title: Product specifications for model 1835**
**Product Specifications (gauge, switch)**

<b>sensor type</b>	diaphragm
<b>functions</b>	<b>gauge, gauge/switch</b>
<b>min. range</b>	11-0-11 in. H <sub>2</sub> O (5-0-5 in. H <sub>2</sub> O capable with PVC internal parts)
<b>max. range</b>	8-0-8 psid (= 221.44 in. H <sub>2</sub> O)
<b>max. line pressure</b>	150 psig
<b>min. burst pressure</b>	450 psig
<b>standard maximum temperature</b>	gauge: 200°F standard, 150°F (plastic lens), 120°F (10" H <sub>2</sub> O or less) gauge/switch: 176°F standard, 150°F (plastic lens), 120°F (10" H <sub>2</sub> O or less) switch: 176°F standard, 120°F (SST 10" H <sub>2</sub> O or less)
<b>high temp. construction</b>	gauge: 350°F 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 <i>**Calibration accuracy is affected by temperature, and also by liquid-filling and follower-pointer options.</i>
<b>repeatability</b>	±1% of full span
<b>switch &amp; enclosure</b>	1 or 2 external
<b>switch adjustability</b>	60% of each scale ascending only
<b>switch differential***</b>	<i>***Consult Factory</i>
<b>certification</b>	CSA (File 043810), CE

**Standard configuration options (gauge, switch)**

<b>configuration</b>	<b>unless otherwise specified</b>	<b>standard options available</b>
<b>porting size</b>	1/4" NPT	1/2" NPT
<b>porting orientation</b>	in-line	N/A
<b>direction of pressure</b>	bi-directional	N/A
<b>calibration medium</b>	air	N/A
<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>	316 SS	N/A
<b>secondary wetted parts</b>	range springs: 302ss magnets: ceramic	Teflon-coated springs and magnets
<b>static seals</b>	buna-N,except Viton for high temp	Viton, Teflon, EPDM, fluorosilicone, silicone
<b>diaphragm</b>	buna-N,except Viton for high-temp	Viton, EPDM, fluorosilicone, silicone
<b>lens</b>	glass	plastic
<b>dial sizes</b>	(must be specified)	2.5", 3.5", 4.5", 6"
<b>dial case styles</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