

Title: Product specifications for model 1835

Product Specifications (gauge, switch)

sensor type	diaphragm
functions	gauge, gauge/switch
min. range	11-0-11 in. H ₂ O (5-0-5 in. H ₂ O capable with PVC internal parts)
max. range	8-0-8 psid (= 221.44 in. H ₂ O)
max. line pressure	150 psig
min. burst pressure	450 psig
standard maximum temperature	gauge: 200°F standard, 150°F (plastic lens), 120°F (10" H ₂ O or less) gauge/switch: 176°F standard, 150°F (plastic lens), 120°F (10" H ₂ O or less)
high temp. construction	gauge: 350°F gauge/switch: N/A
minimum temperature*	<i>*Consult factory for low-temperature applications.</i>
calibration accuracy**	±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>
repeatability	±1% of full span
switch & enclosure	1 or 2 external
switch adjustability	60% of each scale ascending only
switch differential***	<i>***Consult Factory</i>
certification	CSA (File 043810), CE

Standard configuration options (gauge, switch)

configuration	unless otherwise specified	standard options available
porting size	1/4" NPT	1/2" NPT
porting orientation	in-line	N/A
direction of pressure	bi-directional	N/A
calibration medium	air	N/A
switches	(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)
switch setting	set at top of range ascending	other set points within adjustability ascending or descending
primary wetted parts	316 SS	N/A
secondary wetted parts	range springs: 302ss magnets: ceramic	Teflon-coated springs and magnets
static seals	buna-N,except Viton for high temp	Viton, Teflon, EPDM, fluorosilicone, silicone
diaphragm	buna-N,except Viton for high-temp	Viton, EPDM, fluorosilicone, silicone
lens	glass	plastic
dial sizes	(must be specified)	2.5", 3.5", 4.5", 6"
dial case styles	(must be specified)	"B" Basic Case (c-clamp not available) "F" Flanged Case (w/holes for panel mounting)
starting mark on dial	approximately 10% of full scale	N/A