



Product specifications for model 1201

Product Specifications

sensor type	piston
functions	gauge, gauge/switch, switch
min. range	0-5 psid
max. range	0-150 psid
max. line pressure	3000 psig, except 100 psig for PVC units
min. burst pressure	10500 psig, except 400 psig for PVC units
standard maximum temperature	gauge: 200°F standard, 150°F (plastic lens), 120°F (PVC) gauge/switch: 176°F standard, 150°F (plastic lens), 120°F (PVC) switch: 176°F standard, 120°F (PVC)
high temperature construction	gauge: 450°F (SS), 400°F (naval brass), 300°F (alum) gauge/switch, switch: N/A
minimum temperature*	<i>*Consult engineering 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	±2% of full scale
switch & enclosure	1 or 2 external
switch adjustability	upper 80% of full range ascending, or lower 80% of full range descending
switch differential	5-20% full scale
certification	CSA (File 043810), CE

Standard configuration options

configuration	unless otherwise specified	standard options available
porting size	1/4" NPT	1/8" NPT, 1/2" NPT, AND and MS ports
porting orientation	(must be specified)	gauge: in-line, back, or bottom gauge/switch: in-line, back, or bottom switch: in-line porting only
direction of pressure	left to right	right to left (reverse porting)
calibration medium	all units with EPDM seals: water all others: alum or SS: hydraulic oil brass or PVC: water	N/A
switches	(must be specified)	-A (0.7A/50W SPST) -B (0.25A/3W SPST) -C (0.25A/3W SPDT)
switch setting	set at top of range ascending set N/O to close (SPST) set to actuate (SPDT)	other set points within adjustability ascending or descending
primary wetted parts material	(must be specified)	aluminum, 316SS, naval brass, PVC
secondary wetted parts material	range spring: 302SS magnet: ceramic piston seal: Teflon	Teflon-coated spring and magnet
static seals	buna-N, except Viton for high temp.	Viton, Teflon, neoprene, EPDM, fluorosilicone
lens	glass	plastic
dial sizes	(must be specified)	2.5", 3.5", 4.5", 6"
dial case styles	(must be specified)	bezel case (2.5", 3.5", 4.5") drilled flange (all sizes) machined case, C-clamp (3.5", 4.5", 6")
starting mark on dial	approximately 10% of full scale	N/A