



Product specifications for model 1502

Product Specifications

sensor type	diaphragm
functions	gauge, gauge/switch, switch
min. range	0-15 psid (0-5 psid with fluorosilicone diaphragm)
max. range	0-300 psid (0-100 psid for PVC units)
max. line pressure	3000 psig, except 100 psig for PVC units
min. burst pressure	7000 psig, tested hydrostatically; 400 psig for PVC
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	-40°F
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 scale for most ranges; ±2% of full scale for ranges 10 psid or below
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, MS ports
porting orientation	(must be specified)	gauge, gauge/switch: in-line, back, or bottom switch: in-line porting only
direction of pressure	left to right	right to left (upside-down orientation with arc on bottom)
calibration medium	air	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	Teflon-coated spring and magnet
static seals material	10 psid or below: fluorosilicone above 10 psid: buna-N ⁺ ⁺ except Viton for high temp.	Viton, Teflon, neoprene, EPDM, fluorosilicone
diaphragm material	10 psid or below: fluorosilicone above 10 psid: buna-N ⁺ ⁺ except Viton for high temp.	Viton, neoprene, EPDM, fluorosilicone, silicone (buna-N and Viton not available for ranges 10 psid or below)
lens	glass	plastic
dial sizes	(must be specified)	2.5", 3.5", 4.5", 6"
dial case styles	(must be specified) ⁺ C-clamp not available w/ some porting options	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