



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
max. line pressure	3000 psig
min. burst pressure	7000 psig, tested hydrostatically
standard maximum temperature	gauge: 200°F standard, 150°F (plastic lens) gauge/switch: 176°F standard, 150°F (plastic lens) switch: 176°F standard
high temp. 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
switches	1 or 2 external hermetically sealed reed switches
switch adjustability	upper 80% of full scale ascending (70% for B & C form switches in SST)
switch dead band	5-20% full scale
certification	CSA (File 043810) *Consult factory for CE equivalent.

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 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	(must be specified)	aluminum, 316SS, naval brass
secondary wetted parts	range spring: 302SS magnet: ceramic	Teflon-coated spring and magnet
static seals	10 psid or below: fluorosilicone above 10 psid: buna-N ⁺ ⁺ except Viton for high temp.	Viton, Teflon, neoprene, EPDM, fluorosilicone
diaphragm	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)	"B" Basic Case: (C-clamp not avail. w/some porting options.) "F" Flanged Case (w/holes for panel mounting)
starting mark on dial	approximately 10% of full scale	N/A