

Title: Product specifications for model 1518

Product Specifications (gauge,switch,relay)

sensor type	diaphragm
functions	gauge, gauge/switch <i>Compound dials: right side pressure scale/left side vacuum scale unless otherwise noted</i>
min. range	8-0-8 psid
max. range	50-0-50 psid
max. line pressure	1500 pig
min. burst pressure	6000 psig, tested hydrostatically
standard maximum temperature	gauge: 200°F standard, 150°F (plastic lens) gauge/switch: 176°F reed switch, 140°F relay, 150°F (plastic lens)
high temp. construction	gauge: 450°F (SST only, not available in aluminum or brass) gauge/switch: N/A
minimum temperature*	<i>*Consult Factory for low-temperature applications.</i>
calibration accuracy**	±2% of full span*** ascending after rap at room temperature <i>**Calibration accuracy is affected by temperature, and also by liquid-filling and follower-pointer options. *** Span of a compound gauge is the algebraic difference between the limits of vacuum and pressure scales when both are expressed in the same units</i>
repeatability	±1% of full span
switch & enclosure*****	1 or 2 internal ***** <i>Switch set on pressure scale unless otherwise specified.</i>
switch adjustability	upper 60% of each scale ascending only
switch differential****	**** <i>Consult Factory</i>
certification	CSA (File 043810), IP65 <i>Consult Factory for CE equivalent.</i>

Standard configuration options, (gauge,switch,relay)

configuration	unless otherwise specified	standard options available
porting size	1/4" NPT	1/2" NPT (1/2" NPT N/A for brass)
porting orientation	in-line	N/A
direction of pressure	bi-directional	N/A
calibration medium	air	N/A
switches & relays*****	(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) -R2 DPDT relay (contacts:120VAC,28VDC,10A coil:120VAC or 24VDC)
switch/relay setting	set at top of range ascending	other set points within adjustability ascending or descending
primary wetted parts	(must be specified)	aluminum, 316 ss, naval brass
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
diaphragm	buna-N, except viton for high temp	Viton EPDM and Fluorosilicone available in ranges up to 5 PSID
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 available on 4.5" & 6.0") "F" Flanged Case (w/holes for panel mounting)
starting mark on dial	approximately 10% of full scale	N/A