

Product specifications for model 1002

Product Specifications

sensor type	piston
functions	indicator, indicator/switch, switch
min. break/switch point	4 psid for indicator or indicator/switch, 3 psid for switch units
max. break/switch point	100 psid
max. line pressure	3000 psig (5000 psig optional)
min. burst pressure	9000 psig
standard maximum temperature	indicator: 200°F indicator/switch, switch: 176°F
high temperature construction	N/A
minimum temperature	-20°F
calibration accuracy*	±5% of highest calibration point ascending after rap at room temperature <i>* Calibration accuracy is affected by temperature.</i>
repeatability	±5% of highest calibration point
switch	1 external hermetically sealed reed switch
switch adjustability	factory set (upper 80% of highest calibration point ascending, or lower 80% of highest calibration point descending)
switch dead band	5-20% full scale
certification	<i>*Consult factory for CE equivalent.</i>

Standard configuration options

configuration	unless otherwise specified	standard options available
pressure porting size & orientation	(must be specified)	1/8" NPT porting: indicator: in-line, back, or bottom indicator/switch: in-line, back, or bottom switch: in-line only manifold mounting: back ports only
conduit port⁺	none	1/4" NPT ⁺ available only with manifold or 1/8" NPT bottom pressure porting options
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 breakpoint ascending	other set points within adjustability ascending or descending
primary wetted parts	aluminum	N/A
secondary wetted parts	range spring: 302SS magnet: ceramic	N/A
static & piston seals	buna-N	Viton
lens	molded plastic	N/A
dial sizes	1"	N/A
break point on dial	70% of full scale	dual break points