

Product specifications for model 1002

Product Specifications (indicators and switches)

sensor type	piston
functions	indicator, indicator/switch, switch
calibration medium	air
dial sizes	1" red/green arc
lens	plastic
70% mark- 1" dial	4,5,8,10,15,20,25,30,40,50,60,70,80,100 psid
accuracy	±5% at 70% mark ascending (70% of dial arc) <i>* Calibration accuracy is affected by temperature</i>
max. line/min. burst pressure	3000\9000 psig
direction of pressure	left to right
porting size & orientation	1/8" NPT porting indicator/switch: back or bottom switch: back or bottom manifold mounting: back ports only
conduit port	1/4" NPT <i>available only with manifold or 1/8" NPT bottom pressure porting options</i>
standard max. temperature	indicator: 200°F indicator/switch, switch: 176°F
minimum temperature	-20°F
repeatability	±5%
switch type	external hermetically sealed reed switch
switch set point	factory set at 70% mark (full scale for 2.5" dials). Contact factory for other set points.
switch dead band	5-20%
switch options	-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)
static & piston seals	Buna-N (Viton optional)
primary wetted parts	aluminum
secondary wetted parts	SS range spring, SS spacers, ceramic magnet
certification	<i>*Consult factory for CE equivalent.</i>

Product specifications for model 1002

Product Specifications (with transmitter)

sensor type	piston
functions	indicator/transmitter, transmitter
min. range	4 psid
max. range	75 psid
max. line pressure	3000 psig
standard max. temperature	176°F (80°C)
high temp. construction	n/a
minimum temperature	0°F (-18°C)
calibration accuracy*	±5% of full scale ascending after rap at room temperature <i>*Calibration accuracy is compensated for temperature effects between 0°F and 176°F.</i>
repeatability	±5% of full scale
transmitter enclosure	weatherproof
certification	none

Standard configuration options, (with transmitter)

configuration	unless otherwise specified	standard options available
pressure porting size & orientation	(must be specified)	1/8" NPT porting: indicator/transmitter: back or bottom transmitter: back or bottom manifold mounting: indicator/transmitter only
direction of pressure	left to right	n/a
calibration medium	air	n/a
electronic outputs	(must be specified)	analog outputs: 4-20 mA (2 wire) 0-5 VDC (3 wire)
supply voltage	9-28 VDC (reverse polarity protected)	
electrical connection	EN 175301-803 (DIN 43650) Form "C" (8 mm), 3-pin appliance connector	
pin-out	1: + (EXC) 2: - 3: 0-5 VDC	
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
dial markings	colored arc, green to red asc. (red 70% to 100% of dial arc)	n/a