



## Product specifications for model 1301

### Product Specifications

<b>sensor type</b>	piston
<b>functions</b>	gauge
<b>min. range</b>	0-100 psid
<b>max. range</b>	0-1000 psid
<b>max. line pressure</b>	5000 psig
<b>min. burst pressure</b>	15000 psig
<b>standard maximum temperature</b>	200°F standard, 150°F (plastic lens)
<b>high temperature construction</b>	450°F (SS), 400°F (naval brass), 300°F (alum)
<b>minimum temperature*</b>	<i>*Consult engineering for low-temperature applications.</i>
<b>calibration accuracy**</b>	±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>
<b>repeatability</b>	±2% of full scale
<b>switch &amp; enclosure</b>	N/A
<b>switch adjustability</b>	N/A
<b>switch differential</b>	N/A
<b>certification</b>	CE

### Standard configuration options

configuration	unless otherwise specified	standard options available
<b>porting size</b>	1/4" NPT	1/8" NPT, 1/2" NPT, and MS ports
<b>porting orientation</b>	in-line	N/A
<b>direction of pressure</b>	left to right	right to left
<b>calibration medium</b>	alum or SS: hydraulic oil brass: water	N/A
<b>primary wetted parts material</b>	(must be specified)	aluminum, 316SS, naval brass
<b>secondary wetted parts material</b>	range spring: 302SS magnet: ceramic piston seal: Teflon	Teflon-coated spring and magnet
<b>static seals</b>	buna-N, except Viton for high temp.	Viton, Teflon, neoprene, fluorosilicone
<b>lens</b>	glass	plastic
<b>dial sizes</b>	(must be specified)	2.5", 3.5", 4.5", 6"
<b>dial case styles</b>	(must be specified)	bezel case (2.5", 3.5", 4.5") drilled flange (all sizes) machined case, C-clamp (3.5", 4.5", 6")
<b>starting mark on dial</b>	approximately 10% of full scale	N/A