

### Ashcroft® Digital Industrial Gauges

Operate with battery, 4 to 20 mA, or in-line 12 to 36 VDC

- In-line powered unit acts as gauge, transducer, and switch
- Intrinsically-safe IP65 case
- Easy-to-read five-digit display

Digital industrial gauge is perfect for pharmaceutical and biotech applications with its ±0.25% accuracy. This accuracy includes linearity, hysteresis, repeatability, and terminal point accuracy.

The multi-functionality of the gauge is great for chemical, pulp and paper, wastewater, and filtration processes, using local indication with the 4 to 20 mA output and switching options. Switch is rated for 125 VAC, 0.5 amp. Gauge has unlimited deadband throughout its range and superior set point flexibility. Loop and line-powered gauges have output signals that enable monitoring and control from remote areas such as control rooms or enclosures. Gauge range is vacuum to 20,000 psi.

Gauge also has the added versatility of 10 engineering units, a menu-driven display of additional features, and password-protected calibration with zero and span. Max-pressure indication is standard, as well as battery life indicator and bar graph showing percent of full-scale pressure.

Menu mode allows access to configuration of gauge settings and auto-off options, as well as update rates, dampening, and field recalibration. Batteries are easily accessible—no tools needed.

Socket and sensor are stainless steel and welded together for added durability. Case is constructed of chemical resistant Noryl®, which has superior impact strength, is lightweight, and is hydrolytically stable. Lens is constructed of polyester.

**What's included:** instruction manual, two C batteries (for battery powered gauge only).

#### Specifications



**Accuracy:** ±0.25% full-scale

**Dial size:** 4 1/2"

**Units of measure:** psi, "H<sub>2</sub>O, ft H<sub>2</sub>O, mPa, mBar, kPa, kg/cm<sup>2</sup>, Bar, "Hg, mm Hg

**Operating temperature:** 14 to 140°F (10 to 60°C)

**Media compatibility:** any media compatible with 17-4 and 316 stainless steel

**Process connection:** 1/4" NPT(M)

**Zero adjustment range:** manual adjustment using menu

**Output**  
 Loop powered: 4 to 20 mA  
 Line powered: 12 to 36 VDC with single SPDT switch

**Power**  
 Battery powered: two C batteries  
 Loop powered: 4 to 20 mA  
 Line powered: 12 to 36 VDC

**Display:** 5-digit LCD, 0.88"H

**Dimensions:** 6"W x 5 3/4"H x 3 1/3"D



68338-68

#### Ordering Information

Range	Resolution	Battery powered		Loop powered		Line powered	
		Cat. no.	Price	Cat. no.	Price	Cat. no.	Price
30" Hg to 15 psi	0.00001" Hg	<a href="#">KH-68338-00</a>		<a href="#">KH-68338-28</a>		<a href="#">KH-68338-56</a>	
30" Hg to 30 psi	0.00001" Hg	<a href="#">KH-68338-02</a>		<a href="#">KH-68338-30</a>		<a href="#">KH-68338-58</a>	
30" Hg to 60 psi	0.00001" Hg	<a href="#">KH-68338-04</a>		<a href="#">KH-68338-32</a>		<a href="#">KH-68338-60</a>	
0 to 30 psi	0.0001 psi	<a href="#">KH-68338-06</a>		<a href="#">KH-68338-34</a>		<a href="#">KH-68338-62</a>	
0 to 60 psi	0.005 psi	<a href="#">KH-68338-08</a>		<a href="#">KH-68338-36</a>		<a href="#">KH-68338-64</a>	
0 to 100 psi	0.005 psi	<a href="#">KH-68338-10</a>		<a href="#">KH-68338-38</a>		<a href="#">KH-68338-66</a>	
0 to 200 psi	0.01 psi	<a href="#">KH-68338-12</a>		<a href="#">KH-68338-40</a>		<a href="#">KH-68338-68</a>	
0 to 600 psi	0.05 psi	<a href="#">KH-68338-14</a>		<a href="#">KH-68338-42</a>		<a href="#">KH-68338-70</a>	
0 to 1000 psi	0.05 psi	<a href="#">KH-68338-16</a>		<a href="#">KH-68338-44</a>		<a href="#">KH-68338-72</a>	
0 to 3000 psi	0.1 psi	<a href="#">KH-68338-18</a>		<a href="#">KH-68338-46</a>		<a href="#">KH-68338-74</a>	
0 to 5000 psi	0.5 psi	<a href="#">KH-68338-20</a>		<a href="#">KH-68338-48</a>		<a href="#">KH-68338-76</a>	
0 to 10,000 psi	0.5 psi	<a href="#">KH-68338-22</a>		<a href="#">KH-68338-50</a>		<a href="#">KH-68338-78</a>	
0 to 15,000 psi	1.0 psi	<a href="#">KH-68338-24</a>		<a href="#">KH-68338-52</a>		<a href="#">KH-68338-80</a>	
0 to 20,000 psi	1.0 psi	<a href="#">KH-68338-26</a>		<a href="#">KH-68338-54</a>		<a href="#">KH-68338-82</a>	

[KH-09376-02](#) Replacement batteries; C, Pack of 4

### Ashcroft® Digital Pressure Gauges

Stainless steel sensor and nine engineering units make this gauge suitable for many applications

- ±0.5% full scale terminal point accuracy
- Easy-to-read, 4-digit display
- Ranges from vacuum to 5000 psi

A versatile and economic choice for a wide variety of pressure measurement applications. The many features of this gauge make it easy to use and a great value, such as zero and span field calibrations and a cycle life of 10<sup>9</sup>. The case material is made of chemical-resistant Noryl®. Gauges feature backlight and peak hold. Sensor is welded to the socket for added durability. Max pressure indication reduces chances of damage to the unit. Gauge meets safety requirement of ASME B40.7, and are CE approved. Overpressure rating is 120 to 200% of range.



68332-06

#### Specifications & Ordering Information



**Accuracy:** ±0.5% full-scale

**Dial size:** 2 1/2"

**Units of measure:** psi, in Hg, cm Hg, mm Hg, kPa, mPa, Bar, kg/cm<sup>2</sup>, ft H<sub>2</sub>O

**Operating temperature:** 14 to 140°F (-10 to 60°C)

**Media compatibility:** any media not corrosive to stainless steel

**Process connection:** 1/4" NPT(M) bottom

**Power:** two AA batteries

**Display:** 4-digit, LCD, 0.5"H characters

Catalog number	Range	Resolution	Price
<a href="#">KH-68332-00</a>	0 to 30" Hg	0.01" Hg	
<a href="#">KH-68332-02</a>	0 to 30 psi	0.01 psi	
<a href="#">KH-68332-04</a>	0 to 60 psi	0.01 psi	
<a href="#">KH-68332-06</a>	0 to 100 psi	0.01 psi	
<a href="#">KH-68332-08</a>	0 to 200 psi	0.1 psi	
<a href="#">KH-68332-10</a>	0 to 300 psi	0.1 psi	
<a href="#">KH-68332-12</a>	0 to 500 psi	0.1 psi	
<a href="#">KH-68332-14</a>	0 to 1000 psi	0.1 psi	
<a href="#">KH-68332-16</a>	0 to 5000 psi	1.0 psi	

[KH-09376-01](#) Replacement batteries, AA. Pack of 4