

**Differential Pressure Gauges
Types 1125, 1125A
ASME B 40.1
Grade A ($\pm 2-1-2\%$ of span)**

- 4½" and 6" dial sizes
- Aluminum cases
- Bronze Bourdon tube and socket
- Ranges through 1000 psi
- Micrometer-adjustable pointer
- Available with electric contacts
- Static pressures from 30-1500 psi depending on the range of gauge
- Pointer indicator with zero at seven or twelve o'clock position
- Built-in back case flange for easy wall mounting

The Ashcroft® differential pressure gauge is an economical way to display the difference of two separate inputs on one dial indicator. The case style is similar to other Ashcroft gauges, making panel gauge consistency possible. This product is supplied with bronze Bourdon tube and socket.



STANDARD RANGES

Type 1125 (210° dial arc)
Pressure (psi)

Range	Figure Interval	Minor Graduation	Static Pressure Limits*
0/20	5	0.2	30
0/30	5	0.5	60
0/60	10	1	120
0/100	10	1	200
0/160	20	2	300
0/200	20	2	300
0/300	50	5	450
0/400	50	5	600
0/600	100	10	900
0/800	100	10	1200
0/1000	100	10	1500

*Maximum pressure that can be admitted into Bourdon tubes.

Type 1125A (210° dial arc) Zero centered dial
Pressure (psi)

Range	Figure Interval	Minor Graduation	Static Pressure Limits*
10/10	2	0.2	30
15/15	5	0.5	60
30/30	10	1	120
50/50	10	1	200
80/80	20	2	300
100/100	20	2	300
150/150	50	5	450
200/200	50	5	600
300/300	100	10	900
400/400	100	10	1200
500/500	100	10	1500

*Maximum pressure that can be admitted into Bourdon tubes.

CASE TYPE

Gauge Type Number	Dial Size (inches)	Case & Ring Material Finish	Bourdon Tube & Tip Material	Socket Material	Pressure Range (psi)	Pointer	Movement	NPT Connection
DIFFERENTIAL 1125 1125A	4½, 6 ⁽¹⁾	Case: Aluminum Ring: Threaded aluminum All black epoxy coated	Phosphor Bronze Tip: Brass (all joints silver brazed)	Bronze	1125: 20/1000 1125A 10/0/10 500/0/500	Micrometer Adjustable	Bronze-bushed Overload & Vacuum Stops-Std.	¼

1125A dial indicates zero at 12:00 (1) 6" lower connect only.

METRIC RANGES

	PRESSURE RANGE		DIAL GRADUATIONS		RANGE	DIAL GRADUATIONS		Outer Range When Dual Range Specified psi
	kg/cm ²	bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation	
Type 1125	0/1.4	0/1.4	0.2	0.02	0/140	20	2	0/20
	0/2	0/2	0.5	0.05	0/200	50	5	0/28
	0/4	0/4	0.5	0.05	0/400	50	5	0/55
	0/7	0/7	0.5	0.1	0/400	50	10	0/100
	0/11	0/11	2	0.2	0/1100	200	20	0/160
	0/14	0/14	2	0.2	0/1400	200	20	0/200
	0/20	0/20	5	0.5	0/2000	250	50	0/300
	0/28	0/28	5	0.5	0/2800	500	50	0/400
	0/40	0/40	5	0.5	0/4000	500	50	0/600
	0/56	0/56	10	1	0/5600	1000	100	0/800
	0/70	0/70	10	1	0/7000	1000	100	0/1000
	Type 1125A	0.7/0.7	0.7/0.7	0.2	0.02	70/70	20	2
1/1		1/1	0.5	0.05	100/100	50	5	14/14
2/2		2/2	0.5	0.05	200/200	50	5	28/28
3.5/3.5		3.5/3.5	0.5	0.1	350/350	50	10	50/50
5.5/5.5		5.5/5.5	2	0.2	550/550	200	20	80/80
7/7		7/7	2	0.2	700/700	200	20	100/100
10/10		10/10	5	0.5	1000/1000	250	50	150/150
14/14		14/14	5	0.5	1400/1400	500	50	200/200
20/20		20/20	5	0.5	2000/2000	500	50	400/400
28/28		28/28	10	1	2800/2800	1000	100	400/400
35/35		35/35	10	1	3500/3500	1000	100	500/500

TO ORDER THESE 1125, 1125A DIFFERENTIAL GAUGES:

Select: _____ 45 1125 02L XXX 1000#

- Dial size—4½", 6" _____
- Case type—1125, 1125A _____
- Connection size—¼ (02) _____
- Connection location—Lower (L), Back (B) _____
- Optional features—see page 249 _____
- Standard pressure range—1000 psi _____

Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com