

Type 1125/1125A Differential Pressure Gauge



Type 1125A 4½" Shown

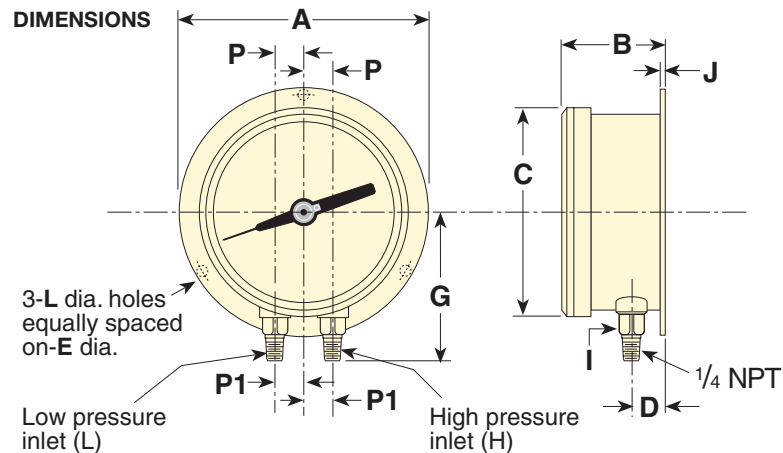
FEATURES

- 4½" & 6" dial size
- Bronze Bourdon tube and sockets
- ASME B40.1 Grade 1A (2%-1%-2%).
- Black epoxy coated aluminum case and ring

The Ashcroft® Type 1125/1125A differential pressure gauges display the difference of two separate inputs on one dial indicator. The 1125/1125A is offered with "0" at the 12 o'clock position on the dial with positive pressure on either side of zero. The 1125/1125A has bronze Bourdon tubes with brass sockets. When the process media is corrosive to the gauge wetted parts, a diaphragm seal with capillary is available.

PRODUCT SPECIFICATIONS

Model Number:	1125/1125A
Accuracy:	2%-1%-2% ASME Grade A
Case Style:	Open Front (dry only)
Case Material:	Cast Aluminum, Black Epoxy Coated
Dial Size:	4½" (45), 6" (60)
Dial Material & Color:	White Painted Aluminum with Black Markings
Ring Type:	Aluminum, Black Epoxy Coated
Bourdon Tube Material:	Grade A Phosphor Bronze (A)
Socket Material:	Grade A Phosphor Bronze (A)
Connection Size:	¼ NPT only
Connection Location:	Lower (L)
Range Limits:	30-1000 psi
Mounting:	Stem or Surface
Movement:	Bronze
Pointer:	Black
Window:	Glass
Warranty:	1 Year



Dial Size Inches	A	B	C	D	E	H	I	J	P	P ₁	L	Wgt (lbs)
4½	5⅞ (149)	3⅞ (82)	4⅞ (126)	1⅞ (26)	5⅞ (137)	1⅞ (40)	5⅞ (16)	1⅞ (3)	2⅞ (17)	1⅞ (15)	7⅞ (6)	3.0 6.6 kg
6	7⅞ (198,5)	3⅞ (79)	9⅞ (167)	1⅞ (26)	7 (178)	1⅞ (40)	1⅞ (15)	3⅞ (5)	2⅞ (17)	1⅞ (15)	9⅞ (7)	3.0 6.6 kg

HOW TO ORDER:

1. Dial size—4½" 45

2. Case type—1125 1125

3. Tube and socket material A

4. Connection size—¼ (02) 02L

5. Connection location—Lower (L) 0/1000#

6. Standard pressure range—100 psi

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CASE SELECTION AND MOUNTING

Dial Size (inches)	Order Code	Case Type	Case: Material Finish	Ring: Material Finish Style	Mounting	Connection
4½" 6"	(45) (60)	1125 1125A	Aluminum Black	Aluminum Black Threaded	Stem Surface	Lower

SYSTEM, CONNECTION & LOCATION

Bourdon Tube & Tip Material	Socket Material	Tube & Socket Code	Case Style	NPT Conn Code	Connection Location & Code	Range Selection Limits (psid)
Phosphor Bronze Tube	Bronze	N/A	Open Front	¼ (02)	Lower (L)	20/1000–1125 10/0/10–1125A 500/0/500–1125A

STANDARD RANGES

Type 1125 (210° dial arc)				Type 1125A (210° dial arc) Zero centered dial			
Pressure Range psid	Figure Interval	Minor Graduation	Static Pressure Limits*	Pressure Range psid	Figure Interval	Minor Graduation	Static Pressure Limits*
0/20	5	0.2	30	10/0/10	2	0.2	30
0/30	5	0.5	60	15/0/15	5	0.5	60
0/60	10	1	120	30/0/30	10	1	120
0/100	10	1	200	50/0/50	10	1	200
0/160	20	2	300	80/0/80	20	2	300
0/200	20	2	300	100/0/100	20	2	300
0/300	50	5	450	150/0/150	50	5	450
0/400	50	5	600	200/0/200	50	5	600
0/600	100	10	900	300/0/300	100	10	900
0/800	100	10	1200	400/0/400	100	10	1200
0/1000	100	10	1500	500/0/500	100	10	1500

*Maximum pressure that can be admitted into Bourdon tubes.

METRIC RANGES

	PRESSURE RANGE		DIAL GRADUATIONS		RANGE	DIAL GRADUATIONS		Outer Range When Dual Range Specified psi
	kg/cm2	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	0.7/0/0.7	0.7/0.7	0.2	0.02	70/0/70	20	2	10/0/10
	1/0/1	1/1	0.5	0.05	100/0/100	50	5	14/0/14
	2/0/2	2/2	0.1	0.01	200/0/200	50	5	28/0/28
	3.5/0/3.5	3.5/3.5	0.5	0.1	350/0/350	50	10	50/0/50
	5.5/0/5.5	5.5/5.5	2	0.2	550/0/550	200	20	80/0/80
	7/0/7	7/7	2	0.2	700/0/700	200	20	100/0/100
	10/0/10	10/10	5	0.5	1000/0/1000	250	50	150/0/150
	14/0/14	14/14	5	0.5	1400/0/1400	500	50	200/0/200
	20/0/20	20/20	5	0.5	2000/0/2000	500	50	300/0/300
	28/0/28	28/28	10	1	2800/0/2800	1000	100	400/0/400
	35/0/35	35/35	10	1	3500/0/3500	1000	100	500/0/500