

1125, 1125A, 1127, 1128 Differential Pressure Gauge

FEATURES

- Can be used with electrical contacts
- Available with diaphragm seals and capillaries
- Rugged design

SPECIFICATIONS

Accuracy:	±2-1-2% of span (ASME B40.100 Grade 1A)
Process Connection Location:	Lower, Back
Case Style:	Open Front
Movement:	Bronze
Window Material:	Glass
Pointer:	Black
Mounting Options:	Stem or Surface

WETTED COMPONENTS

Model	Bourdon Tube	Process Connection	Joints
1125, 1125A	Grade A Phosphor bronze	Bronze	Brazed
1127, 1128	316 SS	316 SS	Welded

NON-WETTED COMPONENTS

Model	Case	Ring
1125, 1125A	Cast aluminum, black epoxy coated	Aluminum, black epoxy coated
1127, 1128	Cast aluminum, black epoxy coated	Aluminum, hinged, black epoxy coated

MIN/MAX TEMPERATURE LIMITS

Version	Ambient	Process	Storage
Dry	-20°F to 200°F (-29°C to 93°C)	-20°F to 250°F (-29°C to 121°C)	-40°F to 250°F (-40°C to 121°C)



1125A
4 1/2", 6" dial sizes



1127
4 1/2", 6" dial sizes



ORDERING CODE

Example:

45 1125 - 02 L 100#

Dial Size

45 - 4 1/2"

45

60 - 6"

Models

1125 - Aluminum, open front case

1125

1125A - Aluminum, open front case - dial with "0" at 12 o'clock

1127 - Aluminum, open front case

1128 - Aluminum, open front case - dial with "0" at 12 o'clock

System

Blank - Grade A phosphor bronze tube/brass process connection (1125 and 1125A only)

SD - 316 SS tube/316 SS process connection (1127 and 1128 only)

Process Connection Size

02 - 1/4 NPT Male

02

Process Connection Location

L - Lower

L

B - Lower back (1125 and 1125A only)

Range (coding examples only, see range table on page 70 for all standard ranges)

100# - 100 psid

100#

Standard Differential Pressure Gauge Ranges

1125 & 1127 (210° dial arc) - Single Scale						
psid	kg/cm ²	bar	kPa	Duals Scale Outer Scale psi	1125 Static Pressure Limits	1127 Static Pressure Limits
10# (130° dial arc)	-	-	-	-	30 psi	45 psi
15# (130° dial arc)	-	-	-	-	30 psi	45 psi
-	-	-	-	-	-	45 psi
20#	1.4KSC	1.4BR	140KP	20#	30 psi	45 psi
-	2KSC	2BR	200KP	28#	-	-
30#	-	-	-	-	60 psi	45 psi
-	4KSC	4BR	400KP	55#	-	-
60#	-	-	-	-	120 psi	90 psi
100#	7KSC	7BR	700KP	100#	200 psi	130 psi
160#	11KSC	11BR	1100KP	160#	300 psi	208 psi
200#	14KSC	14BR	1400KP	200#	300 psi	260 psi
300#	20KSC	20BR	2000KP	300#	450 psi	390 psi
400#	28KSC	28BR	2800KP	400#	600 psi	520 psi
600#	40KSC	40BR	4000KP	600#	900 psi	780 psi
800#	56KSC	56KSC	5600KP	800#	1200 psi	1040 psi
1000#	70KSC	70BR	7000KP	1000#	1500 psi	1200 psi
1125A & 1128 (210° dial arc) Zero Center Dial- Single Scale						
psid	kg/cm ²	bar	kPa	Duals Scale Outer Scale psi	1125A Static Pressure Limits	1128 Static Pressure Limits
5/5#	-	-	-	5/5#	30 psi	45 psi
10/10#	0.7/0.7KSC	0.7/0.7BR	70/70KP	10/10#	30 psi	45 psi
15/15#	-	-	-	-	60 psi	45 psi
-	1/1KSC	1/1BR	100/100KP	14/14#	-	-
-	2/2KSC	2/2BR	200/200KP	28/28#	-	-
30/30#	-	-	-	-	120 psi	90 psi
50/50#	3.5/3.5KSC	3.5/3.5BR	350/350KP	50/50#	200 psi	130 psi
80/80#	5.5/5.5KSC	5.5/5.5BR	550/550KP	80/80#	300 psi	208 psi
100/100#	7/7KSC	7/7BR	700/700KP	100/100#	300 psi	260 psi
150/150#	10/10KSC	10/10BR	1000/1000KP	150/150#	450 psi	390 psi
200/200#	14/14KSC	14/14BR	1,400/1400KP	200/200#	600 psi	520 psi
300/300#	20/20KSC	20/20BR	2000/2000KP	300/300#	900 psi	780 psi
400/400#	28/28KSC	28/28BR	2800/2800KP	400/400#	1200 psi	1040 psi
500/500#	35/35KSC	35/35BR	3500/3500KP	500/500#	1500 psi	1200 psi