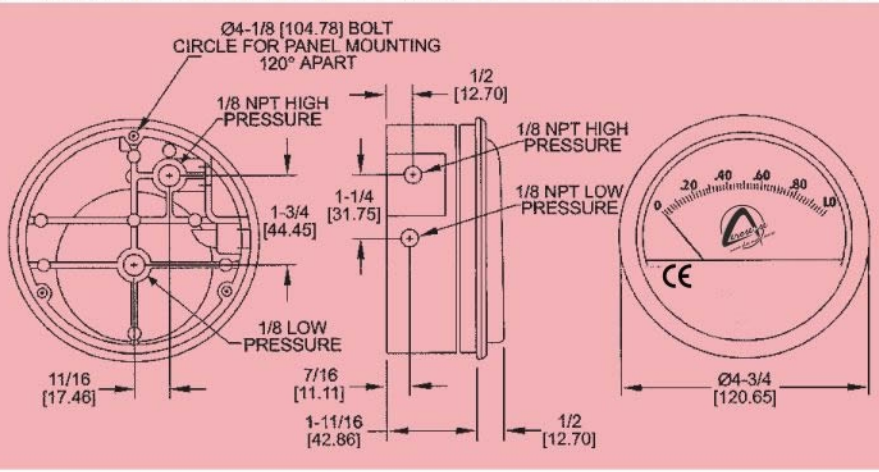
AEROSENSE™

SERIES-ASG

AEROSENSE CE APPROVED DIFFERENTIAL PRESSURE GAUGE WITH ADJUSTABLE BOOKMARKS.



STANDARD GAUGE ACCESSORIES:

Two 1/8" NPT plugs for duplicate pressure taps, two 1/8" pipe thread to rubber tubing adapters and three flush mounting adapters with screws

MP AND HP GAUGE ACCESSORIES:

Mounting ring and snap ring retainer substituted for 3 adaptors, 1/4" compression fitting replace 1/8" pipe thread to rubber tubing adaptors.

OVER PRESSURE PROTECTION:

Standard differential pressure gauges are rated for maximum pressure of 15 psig and should not be used where that limit could be exceeded. Models employ a rubber plug on the rear which functions as a relief valve by unseating and venting the gauge interior when over pressure reaches approximately 25 psig (excludes MP and HP models). To provide a free path for pressure relief, there are four spacer pads which maintain.023" clearance when gauge is surface mounted. Do not obstruct the gap created by these pads

SPECIFICATIONS

Service: Air and non-combustible, compatible gases (natural gas option available).

Wetted Materials: Consult factory

Housing: Die cast aluminum case and bezel with acrylic over(MP model has polycarbinate cover)

Accuracy: ±2% of full scale (±3%on -0,-100 Pa,-125 Pa,10MM and ±4% on -00, -60 Pa, -6MM ranges), throughout range at 70°F (21.1°C).

Pressure Limits: -20 in Hg to 15 psig (-0.677 bar to 1.034 bar); MP option: 35 psig (2.41 bar); HP option: 80 psig (5.52 bar).

Over Pressure: Relief plug opens at approximately 25 psig (1.72 bar), standard gauges only. The blowout plug is not used on models above 180 inches of water pressure, medium or high pressure models, or on gauges which require an elastomer other than silicon for diaphragm.

Temperature Limits: 20 to 140°F*(-6.67 to 60°C).*Low Temperature models available as special option.

Size: 4" (101.6 mm) diameter dial face.

Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.

Process Connections: 1/8" female NPT duplicate high and low pressure taps - one pair back.

Weight: 1 lb 2 oz (510 g), MP & HP 2 lb 2 oz (963 g).

Note: May be used with hydrogen when ordering Buna-N diaphragm. Pressure must be less than 35 psi.

MODEL SELECTION TABLE

Model	Range Inches Of Water
ASG-00+--	0-.25
ASG-0+-	0-.50
ASG-01	0-1.0
ASG-02	0-2.0
ASG-03	0-3.0
ASG-04	0-4.0
ASG-05	0-5.0
ASG-06	0-6.0
ASG-07	0-7.0
ASG-08	0-8.0
ASG-10	0-10
ASG-12	0-12
ASG-15	0-15
ASG-20	0-20
ASG-25	0-25
ASG-30	0-30
ASG-40	0-40
ASG-50	0-50
ASG-60	0-60
ASG-80	0-80
ASG-100	0-100
ASG-120	0-120
ASG-150	0-150
ASG-180	0-180
ASG-250	0-250
Zero Center Ranges	
ASGC-00+..	0.125-0-0.125
ASGC-0+..	25-0-.25
ASGC-01	0.5-0.5
ASGC-02	1-0-1
ASGC-04	2-0-2
ASGC-10	5-0-5
ASGC-20	10-0-10
ASGC-30	15-0-15

Model	Range PSI
ASG-201	0-1
ASG-202	0-2
ASG-203	0-3
ASG-204	0-4
ASG-205	0-5
ASG-210	0-10
ASG-215	0-15
ASG-220	0-20
ASG-230	0-30

Model	Range CM of Water
ASG-15CM	0-15
ASG-20CM	0-20
ASG-25CM	0-25
ASG-50CM	0-50
ASG-80CM	0-80
ASG-100CM	0-100
ASG-150CM	0-150
ASG-200CM	0-200
ASG-250CM	0-250
ASG-300CM	0-300
Zero Center Ranges	
ASGC-4CM	2-0-2
ASGC-10CM	5-0-5
ASGC-30CM	15-0-15

.Accuracy +/-3%
.. Accuracy +/-4%

Model	Range MM of Water
ASG-6MM+..	0-6
ASG-10MM+.	0-10
ASG-15MM	0-15
ASG-25MM	0-25
ASG-30MM	0-30
ASG-50MM	0-50
ASG-80MM	0-80
ASG-100MM	0-100
ASG-125MM	0-125
ASG-150MM	0-150
ASG-200MM	0-200
ASG-250MM	0-250
ASG-300MM	0-300
Zero Center Ranges	
ASGC-6MM+..	3-0-3
ASGC-10MM+.	5-0-5
ASGC-20MM+.	10-0-10

Model	Range Pa
ASG-60NPA+..	10-0-50
ASG-60PA+..	0-60
ASG-100PA+..	0-100
ASG-125PA+..	0-125
ASG-250PA	0-250
ASG-300PA	0-300
ASG-500PA	0-500
ASG-750PA	0-750
ASG-1000PA	0-100X10
Zero Center Ranges	
Model	**Range Pa**
ASG-60PA+..	30-0-30
ASG-100PA+.	50-0-50
ASGC-120PA	60-0-60
ASGC-200PA	100-0-100
ASGC-250PA	125-0-125
ASGC-300PA	150-0-150
ASGC-500PA	250-0-250
ASGC-1000PA	500-0-500

Model	Range kPa
ASG-0.5KPA	0-0.5
ASG-1KPA	0-1
ASG-1.5KPA	0-1.5
ASG-2KPA	0-2
ASG-2.5KPA	0-2.5
ASG-3KPA	0-3
ASG-4KPA	0-4
ASG-5KPA	0-5
ASG-8KPA	0-8
ASG-10KPA	0-10
ASG-15KPA	0-15
ASG-20KPA	0-20
ASG-25KPA	0-25
ASG-30KPA	0-30
Zero Center Ranges	
ASGC-1KPA	.5-0-.5
ASGC-2KPA	1-0-1
ASGC-2.5KPA	1.25-0-1.25
ASGC-3KPA	1.5-0-1.5

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