

SPECIFICATIONS

T75°C Db.

Wetted Materials: Consult factory.

Finishing: Texture epoxy coat RAL7015.

Pressure Limits: See pressure limit chart.

Housing Material: Aluminum.

AT-100NA-2000, shown with VS0 port/valve configuration

Magnehelic® Housing: Die cast aluminum case and bezel with acrylic cover; Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.

Accuracy: ±2% of FS (±3% on -0, -100PA, -125PA, -10MM and ±4% on -00, -60PA,

Temperature Limits: 20 to 140°F (-6.67 to 60°C); Low temperature option: -20°F

IECEx: Ex db IIC T5, T6 Gb -60°C≤Ta≤+50°C (T6) -60°C≤Ta≤+60°C (T5) Ex tb IIIC

(-28.8°C) (Note: Product temperature limits are less than case limits).

Enclosure Rating: IP66 (IP65 for versions VS1, VS2, and VL1). Process Connections: 1/8" NPT female brass (SS optional).

1/8 FEMALE NPT

LOW PRESSURE CONNECTION

CONNECTION

Service: Air and non-combustible, compatible gases

-6MM ranges), throughout range at 70°F (21.1°C).

Mounting Orientation: Diaphragm in vertical position.

The Series AT-2000 ATEX/IECEx Approved Magnehelic® Differential Pressure Gages combines the popular Magnehelic® line with a flameproof enclosure to extend usage to hazardous locations. This gage can indicate positive, negative or differential pressures and is accurate within 2%.

BENEFITS/FEATURES

PRESSURE

- · Quick response to pressure changes means no delay in assessing critical situations · Durable and rugged housing and high-quality components combined provides long-
- service life and minimized down-time · High impact strength and high temperature rated for applications where hazardous environments exist
- · ATEX/IECEx housing provides all the capabilities and value of the Magnehelic® in a flame and explosion proof enclosure
- · Increased response time at low pressures with LD port configuration

APPLICATIONS

- · Fan and blower pressures
- Filter resistance
- · Air velocity
- Furnace draft
- · Liquid levels with bubbler systems
- · Pressure in fluid amplifier or fluidic systems

Attention: Check local safety rules and warnings on unit and manual for a correct use of the instrument in hazardous area.

Differential Pressure Gages

RANGE CHART								
Model	Range in w.c.	Model	Range in w.c.	Model	Range in w.c.			
2000-00N	.05 to 0 to .2	2006	0 to 6.0	2040	0 to 40			
2000-00	0 to .25	2008	0 to 8.0	2050	0 to 50			
2000-0	0 to .50	2010	0 to 10	2060	0 to 60			
2001	0 to 1.0	2012	0 to 12	2080	0 to 80			
2002	0 to 2.0	2015	0 to 15	2100	0 to 100			
2003	0 to 3.0	2020	0 to 20	2120	0 to 120			
2004	0 to 4.0	2025	0 to 25	2150	0 to 150			
2005	0 to 5 0	2030	0 to 30	2160	0 to 160			

PRESSURE LIMITS								
	One Pressure	Both Pressure						
Port/Valve	Port Connected	Ports Connected						
VS0	10 kPa	10 kPa						
VL0	10 kPa	10 kPa						
VS1	20 kPa	15 kPa						
VS2	40 kPa	20 kPa						
VL1	20 kPa	15 kPa						

MODEL CHART								
Example	AT	-101NA	-2001	-X	-W	1	VS0	AT-101NA-2001-X-W1VS0
Enclosure	AT							ATEX/IECEx approved enclosure
Enclosure Material		100NA						Aluminum enclosure no valve
and Configuration		101NA						Aluminum enclosure with valve
Range			2XXX					Magnehelic differential pressure gage, specify range using range chart
Temperature Limits				Х				Standard temperature limits -6.67 to 60°C
				LT				Low temperature limit to -28.8°C
Cover					W			Glass window
Port/Valve Material						1		Brass
						2		SS
Port/Valve							VS0	STD port/no valve
Configurations							VL0	LD port/no valve
							VS1	STD port/STD valve
							VS2	STD port/LD valve
							VL1	LD port/LD valve

JSA: California Proposition 65

▲ WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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