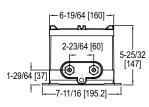
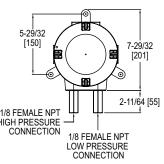


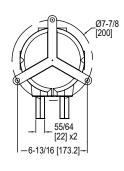


ATEX/IECEX APPROVED MAGNEHELIC® DIFFERENTIAL PRESSURE GAGES Magnehelic® Gage in Flameproof ATEX/IECEx Enclosure









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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

- · Quick response to pressure changes means no delay in assessing critical situations
- · Durable and rugged housing and high-quality components combined provides longservice 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

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.

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	

1/8 FEMALE NPT	1/8 FEMALE NPT
HIGH PRESSURE	LOW PRESSURE
CONNECTION	CONNECTION
AT-100NA-2000, shown wit	h VS0 port/valve config

SPECIFICATIONS	
Service: Air and non-combustible	compatible gase

Wetted Materials: Consult factory.

Magnehelic® Housing: Die cast aluminum case & bezel with acrylic cover; Exterior

finish is coated gray to withstand 168 hour salt spray corrosion test.

Housing Material: Aluminum.

Finishing: Texture epoxy coat RAL7015.

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

Pressure Limits: See pressure limit chart.

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

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

Mounting Orientation: Diaphragm in vertical position.

Enclosure Rating: IP66.

Process Connections: 1/8" NPT female brass (SS optional).

Weight: 10.5 lb (4.8 kg).

ATEX Certificate: EPT 19 ATEX 3192 X.

Agency Approvals: ATEX compliant: (€ 0477 (12 C Ex db IIC T5, T6 Gb -60°C ≤Ta ≤+50°C (T6) -60°C ≤Ta ≤+50°C (T5) II 2D Ex tb IIIC T75 °C Db IECEx Compliant: Ex db IIC T5, T6 Gb -60°C ≤Ta ≤+50°C (T6) -60°C ≤Ta ≤+60°C (T5) Ex tb IIIC T75°C Db.

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		Stainless steel
Port/Valve								
Configurations							VS0	STD port/no valve
							VL0	LD port/no valve
							VS1	STD port/STD valve
							VS2	STD port/LD valve
							VL1	LD port/LD valve
(B) Items are subject to	Items are subject to Schedule B discounts.							