



SERIES AT22000 | ATEX/IECEX APPROVED 2000 MAGNEHELIC® DIFFERENTIAL PRESSURE GAGE



FEATURES/BENEFITS

- ATEX/IECEX housing provides all the capabilities and value of the Magnehelic® in a flameproof enclosure
- Quick response to pressure changes means no delay in critical situations
- Durable and rugged housing and high-quality components provide long service life and minimized down time
- High impact strength and high temperature rating for applications where hazardous environments exist

APPLICATIONS

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

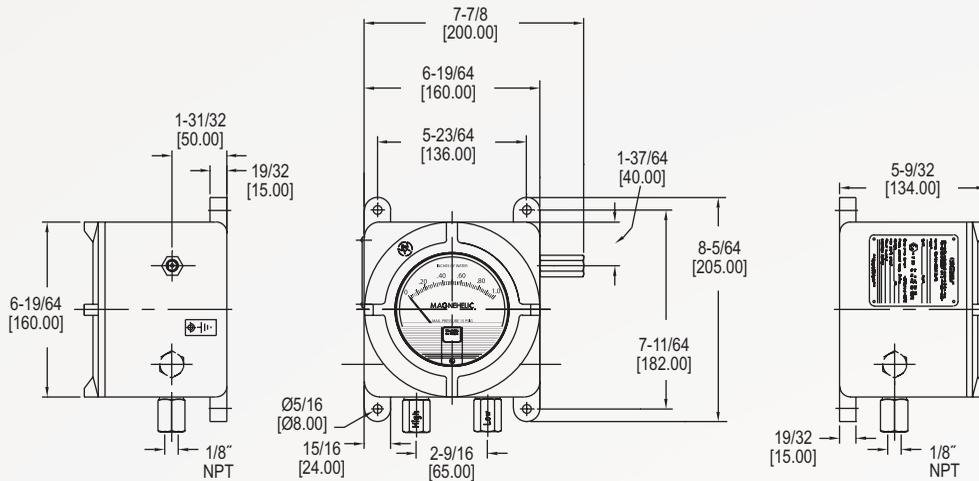
DESCRIPTION

The popular **Series AT22000 ATEX/IECEX Approved 2000 Magnehelic® Differential Pressure Gage** is now available in a flame-proof enclosure with the new AT22000 Series. This gage can indicate positive, negative or differential pressures and is accurate within 2%.

SPECIFICATIONS

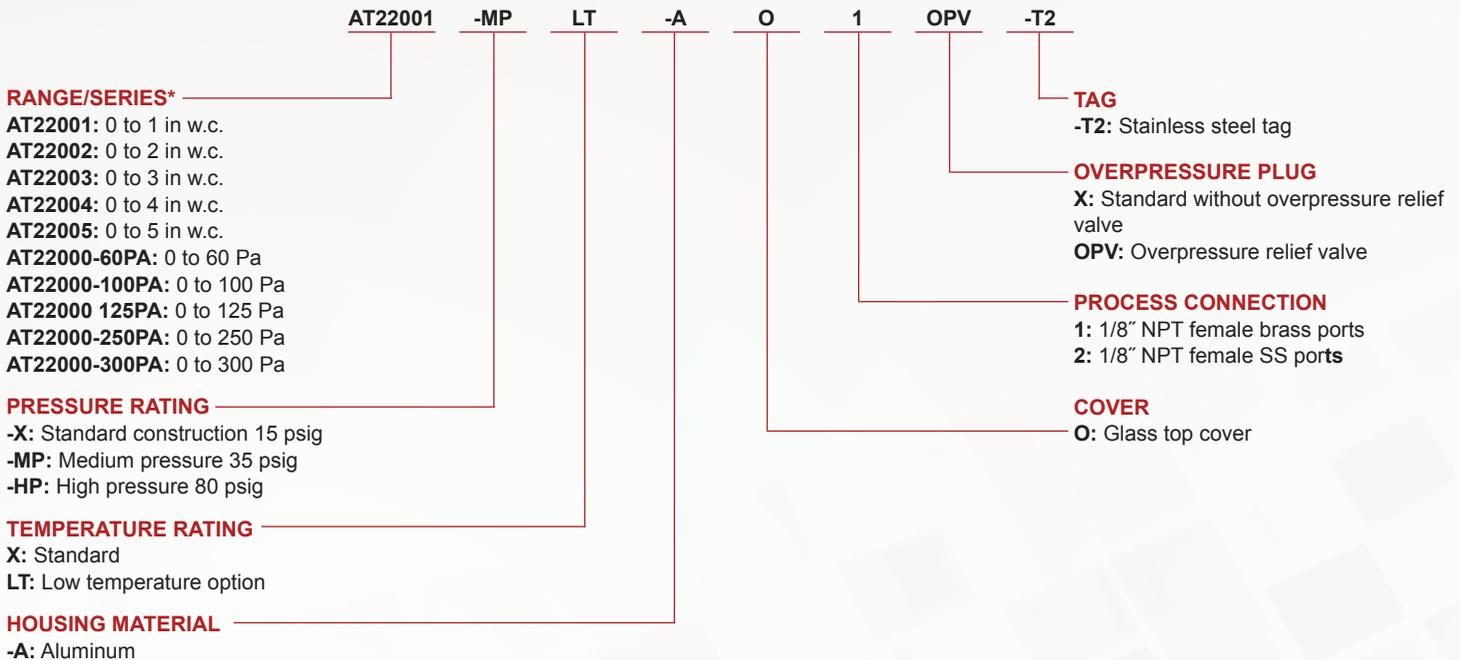
Service	Air and non-combustible, compatible gases.
Wetted Materials	Consult factory.
Magnehelic® Housing	Die cast aluminum case & bezel with acrylic cover; Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.
Accuracy	±2% of FS (±3% on -0, -100PA, -125PA, -10MM and ±4% on -00, -60PA, -6MM ranges), throughout range at 70°F (21.1°C).
Pressure Limits	-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).
Overpressure	Relief plug opens at approximately 25 psig (1.72 bar), standard gages only. See overpressure protection note on Magnehelic® gage catalog page.
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. IP65 with option OPV, overpressure relief valve.
Housing Material	Aluminum.
Finishing	Texture epoxy coat RAL7038.
Pressure Connections	1/8" NPT female brass (SS optional). In presence of acetylene it is necessary to use SS.
Weight	8.6 lb (3.9 kg).
ATEX Certificate	BVI 14ATEX0072.
Agency Approvals	ATEX Compliant CE 1370 Ex II 2G Ex d IIC T6 Gb / II 2D Ex tb IIIC T85°C Db, -60°C ≤ Tamb ≤ +60°C IECEx Compliant: Ex d IIC T6 Gb / Ex tb IIIC T85°C Db.

DIMENSIONS



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.



*Only our most popular models and options are listed. For additional available models, please visit: <http://www.dwyer-inst.com/Product/Pressure/DifferentialPressure/Gages/SeriesAT22000>

ORDER ONLINE TODAY!

dwyer-inst.com/Product/SeriesAT22000



DWYER INSTRUMENTS, INC.

©Copyright 2019 Dwyer Instruments, Inc.
 Printed in U.S.A. 6/19

DS-AT22000 Rev. 1

Important Notice: Dwyer Instruments, Inc. reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.