

MAGNEHELIC DIFFERENTIAL PRESSURE GAUGES

MAG SERIES

FEATURES

- Max. operating pressure (for all models): 1.05 bar
- Operating temperature: -7 ÷ +60 °C
- Accuracy (over all range): 2%
- Pressure taps: G-1/8"
- Weight: 0.5 kg
- Magnetic drive.
- Flush mounting.

APPLICATIONS

They are widely used to measure:

- fan and blower pressures;
- filter resistance;
- pressure drops across orifice plates;
- gas/air ratio controls;
- pressures in fluid amplifier or fluidic systems;
- liquid levels with bubbler systems;
- furnace draft.



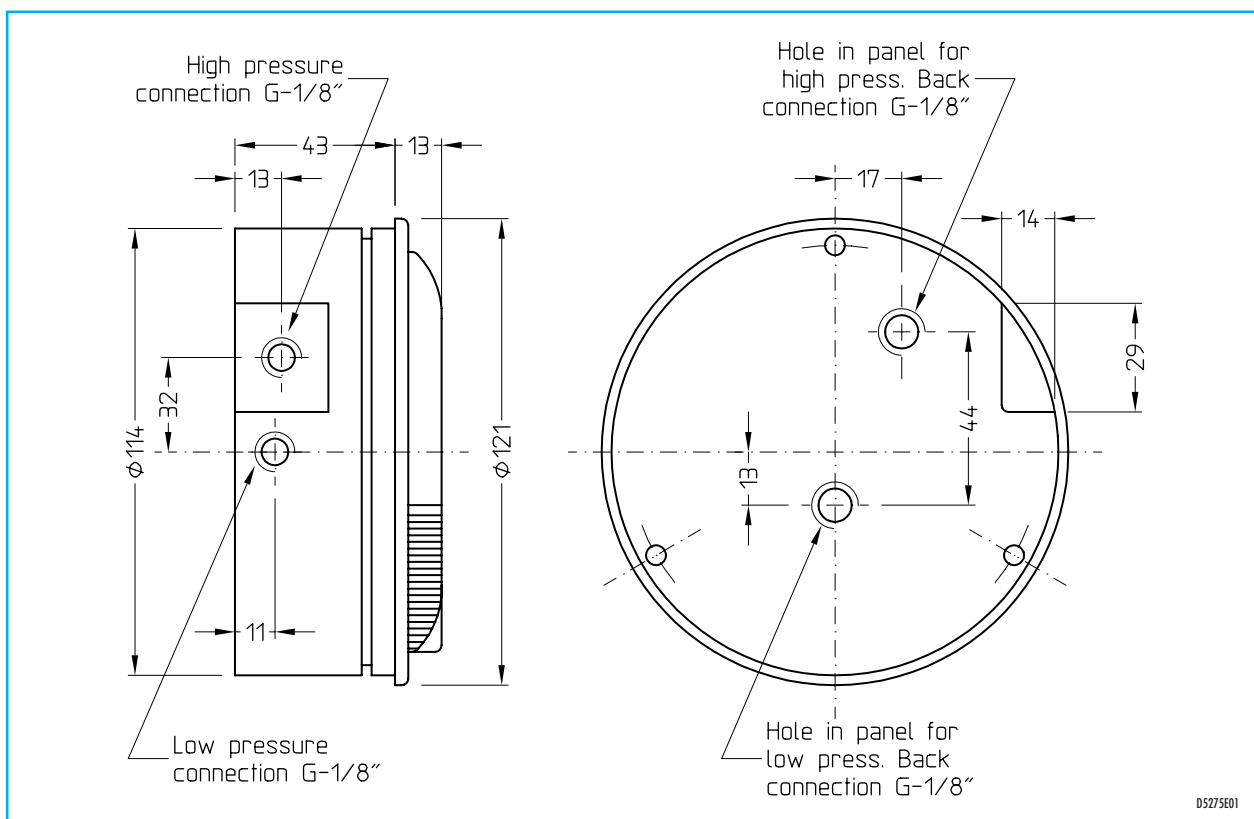
DESCRIPTION

Magnehelics are simple, high accuracy (2% of full scale) and inexpensive diaphragm-actuated differential pressure gauges. Using the simple, frictionless Magnehelic movement which transmits the effect of changes in pressure from a diaphragm to an indicating pointer by means of magnetic linkages, they quickly indicate low air and compatible, non-corrosive gas pressures, either positive,

negative (vacuum) or differential.

The design resists shock, vibration and over-pressures. It avoids wear and physical contact which might destroy the accuracy and sensitivity of the instrument. There is no manometer fluid to evaporate, freeze or cause toxic or leveling problems.

DIMENSIONS



D5275E01

MODELS AND RANGES

Model no.	Scale
MAG - 10	0 ÷ 10 mbar
MAG - 20	0 ÷ 20 mbar
MAG - 30	0 ÷ 30 mbar
MAG - 50	0 ÷ 50 mbar
MAG - 80	0 ÷ 80 mbar
MAG - 100	0 ÷ 100 mbar
MAG - 150	0 ÷ 150 mbar
MAG - 200	0 ÷ 200 mbar
MAG - 300	0 ÷ 300 mbar
MAG - 350	0 ÷ 350 mbar
MAG - C2	-2 ÷ 0 ÷ +2 mbar
MAG - C5	-5 ÷ 0 ÷ +5 mbar
MAG - C10	-10 ÷ 0 ÷ +10 mbar
MAG - C20	-20 ÷ 0 ÷ +20 mbar

NOTE: Based on the company's policy aimed at a continuous improvement on product quality, ESA-PYRONICS reserves the right to bring changes to the technical characteristics of this device without previous notice. Our catalog updated to the latest version is available on our web site www.esapyronics.com and it is possible to download modified documents

WARNING: Operating a combustion system can be dangerous and cause harm to persons or damage to equipment. Every burner must be provided with safety devices that monitors the combustion. The installation, adjustment and maintenance operations should only be performed by trained and qualified personnel.