

Low Differential Pressure Gases

DS2816



Features:

- Magnetic coupling
- Friction-free movement
- Accurate at very low differential pressures
- Resistant to shock and vibration



Description:

The Magnehelic® gauge uses magnetic coupling from the movement of a silicon rubber diaphragm onto a helical pointer drive shaft. This measurement is friction free, accurate at very low differential pressures, and resistant to shock and vibration. The standard aluminum housing can be flush panel mounted. Pressure connections are duplicated on rear and side of the unit. Plugs and tube barbs supplied.

We are also able to supply the Magnehelic® accessories:

- Pipe mounting kit
- Line filter
- Portable kit
- Safety relief valve
- Air filter kit

Specification / Features

Ranges	Pascals, mm or inch WG, pitot flow
Media	Air & non-corrosive gases
Accuracy	±2% FSD
Pressure	15 psig max
Temperature	-7°C to 60°C
Connections	1/8" NPT Female Plugs and adapters for 5mm ID tube supplied
Housing	Die-cast Aluminum
Diaphragm	Silicon rubber, overpressure protected
Zero Adjust Screw	Mounted in meter face
Panel Cut Out	115mm diameter
Weight	0.5kg

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com

Electrical Specifications

SKU	DESCRIPTION	STOCK LEVEL
FM20001.5KPA	Differential Pressure Gauge, Range 0-1.5 Kilopascal	Made to order
FM2000100MM	Differential Pressure Gauge, Range 0-100mm	Made to order
FM2000100PA	Differential Pressure Gauge, Range 0-100 Pascals	Made to order
FM2000125PA	Differential Pressure Gauge, Range 0-125 Pascals	Made to order
FM20001KPA	Differential Pressure Gauge, Range 0-1 Kilopascal	Made to order
FM2000250MM	Differential Pressure Gauge, Range 0-250mm	Made to order
FM2000250PA	Differential Pressure Gauge, Range 0-250 Pascals	Made to order
FM20002KPA	Differential Pressure Gauge, Range 0-2 Kilopascal	Made to order
FM2000500PA	Differential Pressure Gauge, Range 0-500 Pascals	Made to order
FM2000500MM	Differential Pressure Gauge, Range 0-500mm	Made to order
FM200050MM	Differential Pressure Gauge, Range 0-50mm	Made to order
FM20005KPA	Differential Pressure Gauge, Range 0-5 Kilopascal	Made to order
FM200060PA	Differential Pressure Gauge, Range 0-60 Pascals	Made to order
FM2000750PA	Differential Pressure Gauge, Range 0-750 Pascals	Made to order
FM2001	Differential Pressure Gauge, Range 0-1" WG	Made to order
FM2002	Differential Pressure Gauge, Range 0-2" WG	Made to order
FM2004	Differential Pressure Gauge, Range 0-4" WG	Made to order
FM2005	Differential Pressure Gauge, Range 0-5" WG	Made to order
FM2010	Differential Pressure Gauge, Range 0-10" WG	Made to order
FM2015	Differential Pressure Gauge, Range 0-15" WG	Made to order
FM2020	Differential Pressure Gauge, Range 0-20" WG	Made to order
FM2050	Differential Pressure Gauge, Range 0-50" WG	Made to order
FM2300120PA	Differential Pressure Gauge, Range 60-0-60 Centre Zero Pascals	Made to order
FM2300250PA	Differential Pressure Gauge, Range 125-0-125 Centre Zero Pascals	Made to order
FM230060PA	Differential Pressure Gauge, Range 30-0-30 Centre Zero Pascals	Made to order

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