



GM0500 Gas Meter

Diaphragm Gas Meter

Overview

The H2O Degree GM0500 gas meter is made to accurately measure gas appliances in submetering applications. The meter is a positive displacement non-temperature compensated diaphragm type gas meter made of die cast aluminum-alloy and surface treated with epoxy polyester powder. This meter is capable of applications where reliability and pulse output is desired.

Features

- The H2O Degree GM0500 is a gas submeter.
- Non-temperature compensated.
- Monitor natural gas and LPG.
- Aluminum alloy body with surfaces treated with epoxy polyester powder.
- Sealed Register.
- Equipped with pulse output to interface with H2O Degree wireless mesh network.
- Designed for indoor installation.
- Pulse output allows for integration of remote totalizers and radio frequency devices.
- California Approved (CTEP)
- National Approved (NTEP)



Ordering Information

Model	Description
GM0500	GM0500 Diaphragm Gas Meter
M54130	M54130 Four Channel Pulse Counter
M54230	M54230 Two Channel Battery Powered Pulse Counter
M54232	M54232 Two Channel Battery Powered Pulse Counter with Display

3/2017



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Technical Specifications

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Use: Natural gas & LPG-Non Temperature Compensated Meter

1/2" NPT Connection

Nominal Flow Rate: 56.5 FT³/h

Maximum Flow Rate: 88 Ft³/h

Minimum Flow Rate: 0.56 Ft³/h

Maximum Operating Pressure: 4.35 psi

Operating Temperature: 14-104 Degrees F

Cyclic Volume: 0.031725 Ft³/h

Storage Temperature: -4 to 122 Degrees F

Accuracy : $\pm 1.5\%$ at $0.1Q_{max} \leq Q \leq Q_{max}$

$\pm 3\%$ at $Q_{min} \leq Q \leq 0.1Q_{max}$

Pressure Loss at Q_{max} : ≤ 0.03 psi

Pressure Loss at Q_{min} : ≤ 0.009 psi

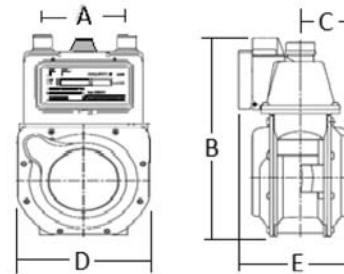
Max Index Reading: 9999999.9 ft³

Pulse Output: Standard 1 pulse per ft³

12 VDC max; 10mA max: No polarity

Pulse Value: 1/cf or ft³

Dimensions & Accuracy Chart



Meter Case Material	A in	B in	C in	D in	E in	Wt lb	Connection Threads
Aluminum	5.1	8.6	2.3	6.6	4.8	3.7	1/2" NPT

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