Pietro Fiorentini

MM10/16/25



Designed in conformity to the highest accuracy and reliability standards, the **MM** mechanical meter range by Pietro Fiorentini is characterised by the zinc-coated steel plate external case. Its high accuracy is determined by the metering module, which is submitted to several and strict quality control procedures during the whole production process.

Pietro Fiorentini commercial gas meters can be used with natural gas as well as manufactured gas, LPG or other non-corrosive and preliminarily filtered gases. The meters are designed to operate in low pressure gas operations.

Light industrial users

Commercial users

Features	Values		
Model	(G10) MM10	(G16) MM16	(G25) MM25
Maximum flow rate (Qmax)	16 m^3/h	25 m^3/h	40 m^3/h
Minimum flow rate (Qmin)	0.10 m^3/h	0.16 m^3/h	0.25 m^3/h
Cyclic volume (V)	6 dm^3		8dm^3
Maximum working pressure (Pmax)	50 kPa | 0.5 bar		
Accuracy class	1.5		
Pressure drop (dP) @Qmax	≤ 0.2 kPa| ≤ 2 mbar	≤ 0.3 kPa| ≤ 3 mbar	
Ambient temperature range (tm)	from -25°C to 55°C | from -13°F to 131°F		
Gas temperature range (tg)	from -25°C to 55°C | from -13°F to 131°F		
Resistance to high temperatures	Approved (T marking)		
Installation in open location	Approved (H3 marking)		
Environment classes	M1/E2		M2/E2
Measuring gas families	First, second and third families of gases (according to EN 437)		

(*) REMARK: please refer to a Fiorentini representative for additional configurations / options

Table 1 Features

Part	Material
Body	galvanised, deep-drawn and powder-coated steel sheet
Diaphragm membranes	synthetic

REMARK: The materials indicated above refer to the standard models. Different materials can be provided according to specific needs.

Table 2 Materials

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MM are designed to meet the following reference standards:

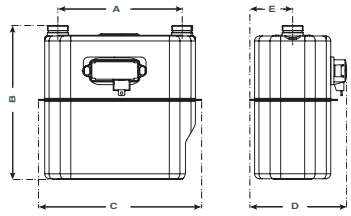
EN 1359

MM meters complies with the following European directives:

MID

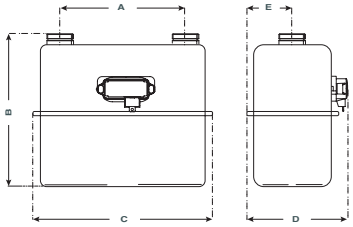
Dimensions

G10



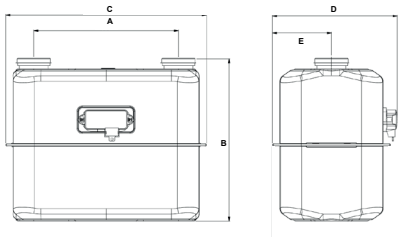
Dim	[mm]	inches
A	250	9.8”
B	310	12.2”
C	328	12.9”
D	195	7.7”
E	86	3.4”

G16



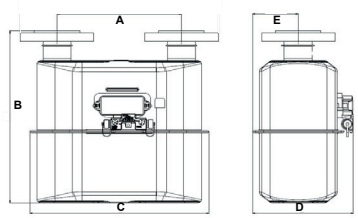
Dim	[mm]	inches
A	280	11.0”
B	340	13.4”
C	402	15.8”
D	226.7	8.9”
E	103	4.1”

G25



Dim	[mm]	inches
A	335	13.2”
B	375	14.8”
C	465	18.3”
D	288.9	11.4”
E	136.5	5.4”

G16 FL



Dim	[mm]	inches
A	280	11.0”
B	388	15.3”
C	402	15.8”
D	227	8.9”
E	103	4.1”

(*) REMARK: please refer to a Fiorentini representative for additional configurations / options

MM competitive advantages

- Biomethane compatible and 20% Hydrogen blending compatible. Higher blending available on request
- Available with standard or flanged connections
- High customization of center-to-center dimensions and connection types
- Totalizer prepared for connection to an external data logger via pulse output

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