

MM

Designed in conformity to the highest accuracy and reliability standards, the **MM** mechanical meter 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. This device can be used with natural and manufactured gas, LPG or other non-corrosive and preliminarily filtered gases, this device is strongly recommended in low-pressure gas distribution networks.



Residential users

Features	Values
Maximum Flow rate	<ul style="list-style-type: none"> • G10 16 m³/h 565 cfh • G16 25 m³/h 882 cfh
Minimum Flow rate	<ul style="list-style-type: none"> • G10 0.1 m³/h 3.53 cfh • G16 0.16 m³/h 5.65 cfh
Maximum Operating Pressure*	50 kPa 500 mbar
Cyclic volume	6 dm ³ 0.21 ft ³
Ambient temperature*	from -25 °C to 55 °C from -13 °F to 131 °F
Gas temperature range*	from -25 °C to 55 °C from -13 °F to 131 °F
Options	LF pulse emitter ready
Accuracy class	1.5
Measuring Gas	Natural Gas (2 nd family - group H, L and E - and 3 rd family according to EN 437)
Environment classes	M1/E2
High Ambient Temperature approved	T
Nominal dimensions	<ul style="list-style-type: none"> • 1" 1/4 Connection distance – 250 mm Width 328 mm; Height 310 mm; Depth 195 mm • 2" Connection distance – 280 mm Width 402 mm; Height 340 mm; Depth 226.7 mm
Connections	<ul style="list-style-type: none"> • G10 1" 1/4 ISO 228 DN 32 NFE 29-532 • G10/G16 2" ISO 228 DN 50 NFE 29-532 • G10/G16 MM16FL (flanged version)

(*) REMARK: Different functional features and/or extended temperature ranges available on request. Stated temperature ranges are the maximum for which the equipment's full performance, including accuracy, are fulfilled. Standard product may have a narrower range.

Table 1 Features

Materials and Approvals

Part	Material
Body	Zinc-coated pressed steel plate
Diaphragm	Synthetic

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

Table 2 Materials

MM is designed to meet OIML R137 and EN 1359.
The product is certified according to European Directives 2014/32/EU (MID).



OIML R137



EN 1359



MID

MM compatibility with Green Gas



Biomethane compatible and 20% Hydrogen blending compatible.
Higher blending available on request.

Pressure loss curve

