

RS / 2,4

RS / 2,4 mechanical gas meter by Pietro Fiorentini is designed in conformity to high accuracy and reliability standards. The metering cartridge determines the meter accuracy, and it is submitted to several and strict quality control procedures during the whole production process. The external case is manufactured in zinc-coated pressed steel plate. Mainly used for low-pressure gas distribution networks, this device is suitable for use with natural and manufactured gas, LPG or other non-corrosive and preliminarily filtered gases.



Residential users

Features	Values
Maximum flow rate	<ul style="list-style-type: none"> • G4 6 m³/h 211 cfh • G6 10 m³/h 353 cfh
Minimum flow rate	<ul style="list-style-type: none"> • G4 0.04 m³/h 1.4 cfh • G6 0.06 m³/h 2.1 cfh
Maximum Operating Pressure*	50 kPa 500 mbar
Cyclic volume	2.4 dm ³ 0.084 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	M2/E2
Open location marking	H3
High Ambient Temperature approved	T
Nominal dimensions	Connection distance – 250 mm Width 341.5 mm; Height 246 mm; Depth 168.5 mm
Connections	1" 1/4 ISO 228 (other sizes upon request)

(*) 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

RS / 2,4 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

RS / 2,4 compatibility with Green Gas



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

Pressure loss curve

