

Goval

The gas pressure governors with / without filter, and with double safety diaphragm in Pietro Fiorentini's range are equipped with balanced plug. Governors are the ideal solution for feeding burners. They can be used with pre-filtered non-corrosive gases and are widely used in lowpressure natural gas distribution networks to industrial, commercial and residential users. These devices comply with EN 88-1.



Commercial users



Residential users



Medium/small industry

Features	Values	
Design pressure (DP)	0.1 MPa 1 bar	
Operating ambient temperature*	from -15°C to + 60°C from -5°F to +140°F	
Input pressure range	Wd +0.75 kPa to 100 kPa Wd +7.5 mbar to 1000 mbar	
Adjustment range of downstream pressure	Goval	from 0.5 kPa to 30 kPa from 5 mbar to 300 mbar
	Compact version	from 0.5 kPa to 15 kPa from 5 mbar to 150 mbar
Accessories*	Integrated inlet filter, inlet and outlet pressure ports	
Accuracy class (AC)	up to 15	
Shut-off overpressure (SG)	up to 30, minimum 0.75 kPa 7.5 mbar	
Nominal dimensions DN • also available NPT (ASME B1.20.1) • flanges (ASME B16.5)	DN 15 1/2"; DN 20 3/4"; DN 25 1"; DN 32 1-1/4"; DN 40 1-1/2"; DN 50 2"; DN 65 2-1/2"; DN 80 3"; DN 100 4"	
Connections*	<ul style="list-style-type: none"> Gas (as per UNI EN ISO 228-1:2003); Flat swivel joint (as per NF E29-533: 2014 and NF E29-536: 2017); 	

(*) Note: 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
<ul style="list-style-type: none"> • Diaphragm • O-rings 	Nitrile rubber*
<ul style="list-style-type: none"> • Caps 	Plastic
<ul style="list-style-type: none"> • Springs 	Steel
<ul style="list-style-type: none"> • Equipment body • Lids 	Aluminium alloy

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

Table 2 Materials

Construction Standards and Approvals

The device is designed in compliance with European standard EN 88-1.
The regulator is in accordance with:



EN 88-1



CSA 6.22

Goval competitive advantages



Double safety diaphragm



Balanced shutter



Wide output pressure range



Integrated filter option



Suitable for outdoor installations



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