

## Mod. FEX

Double stage low-medium  
Pressure self-driven regulators

Commercial service regulator

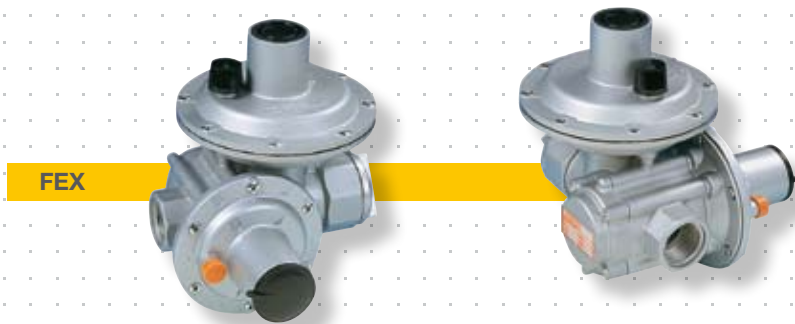
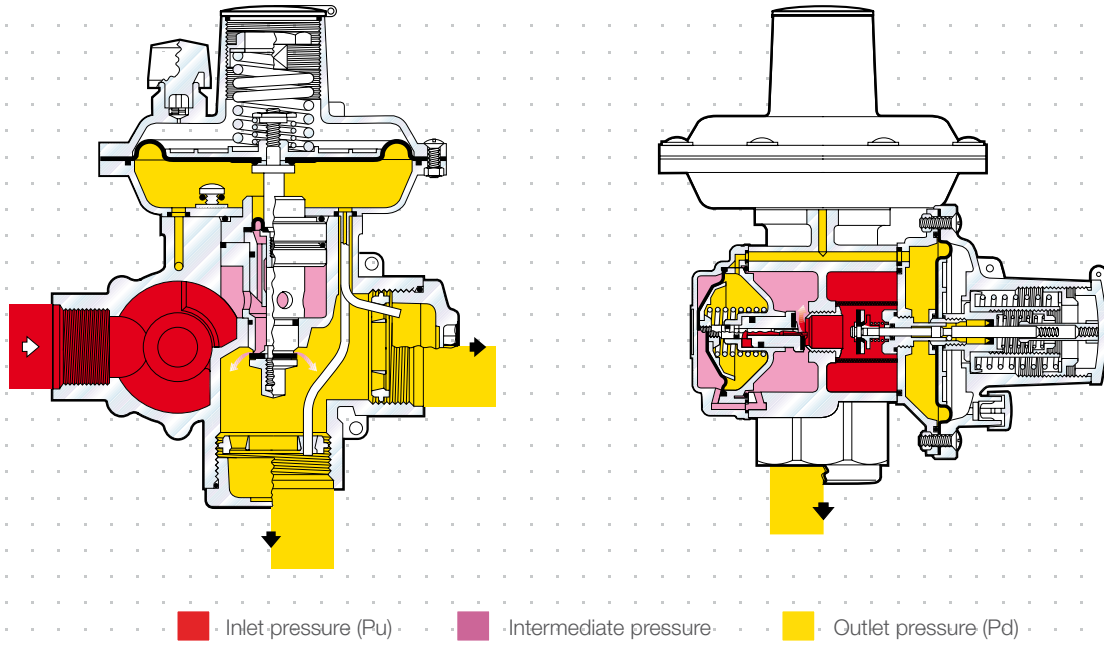
**DESIGNED, TESTED AND CERTIFIED EXCEEDING  
THE FOLLOWING STANDARDS:**

- ANSI Z21.80a & CSA 6.22a for 10 PSIG inlet applications
- ANSI B109.4
- CSA B149/CSA 6.18

The FEXS series of two stage self-driven spring loaded regulators are widely used in both commercial and industrial installations using Natural Gas, LPG and other non corrosive gases.

They are designed for direct installation to a gas meter and for use in general pipeline work. They can be mounted in any position provided the vent is protected from weather. When the installation is in an enclosed area, the internal relief vent can be piped to outside.

A balanced two stage regulator results in accurate regulation and high operational reliability  
The regulators are manufactured according to UNI 8827 & ANSI B109 standards.



**FEX**  
for underground  
installations



**FEX**  
version with lowered  
shut-off device cover

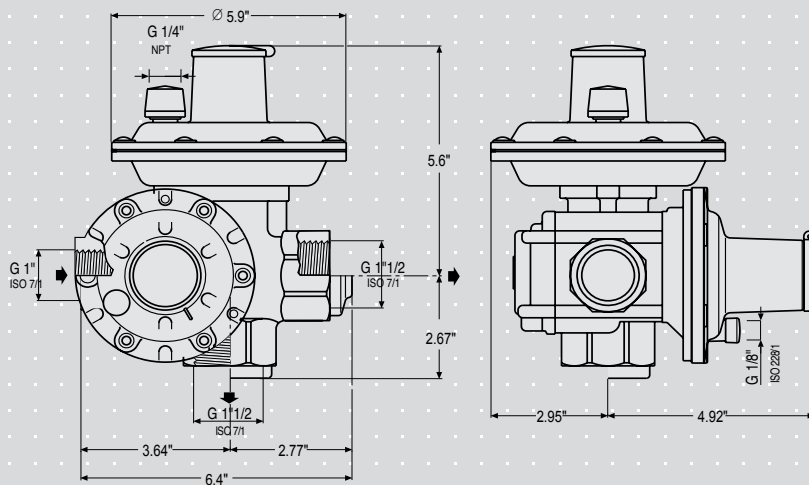


**FEX**  
for underground  
installations



**FEX**  
With sliding flanges in-line

## Dimensions



### Weight

6.4 Lb.s

### Materials

Body - ALUMINUM AI GD-AISi12 - EN AB 46100

Cover - ALUMINUM AI GD-AISi12 - EN AB 46100

### External treatments

2nd stage body and cover sandblasting + phosphating + dust polyurethane powder paint. 1st stage and shut-off device cover coating

## Main features

- > Inlet pressure range: bpu: 4.35÷125 Psi > Max allowable pressure: PS: 125 Psi
- > Outlet pressure range Wd:  
BP: 5.2 - 40.1" wc  
MP: 40.1" wc - 5 PSIG
- > Over pressure shut - off setting range: Wd  
OPSO BP 12.8÷64.3" wc  
Wd OPSO MP 62.2÷180.8" wc
- > Under pressure shut-off setting range: Wd  
UPSO 2.4÷32.1" wc  
Wd UPSO MP 32.1÷80.3" wc >
- Accuracy class: AC 5/10%
- > Lock up pressure class: SG 30% Max
- Temperature class: 2
- Ambient Temperature -40°F +140°F
- Flowing Gas Temperature -4°F +140°F

## Safety devices and accessories

- > Built-in 100 µm inlet filter with an area of 1.55 inch<sup>2</sup>.
- > Over pressure shut-off device (OPSO).
- > Under pressure shut-off device (UPSO).
- > Excess flow valve.
- > Relief valve.
- > Safety shut-off device for lack of feeding (UPSO).
- > Manual reset of safety shutoff device only.

MODEL	NOMINAL CAPACITY	REQUIRED MINIMUM INLET PRESSURE BAR (PSI)
FEX	3,500 SCFH	Outlet Pressure + 7.25

**LPG flow rate:** multiply the value in the table x 1.2

**Air flow rate:** multiply the value in the table x 0.789



Gas meters



Governors



Solenoid valves



**Pietro  
Fiorentini**

Pietro Fiorentini (USA), Inc.  
131-B Peninsula Street  
Wheeling, WV 26003

Tel. (304) 232 – 9115

The data is not binding. We reserve the right to make eventual changes without prior notice.

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