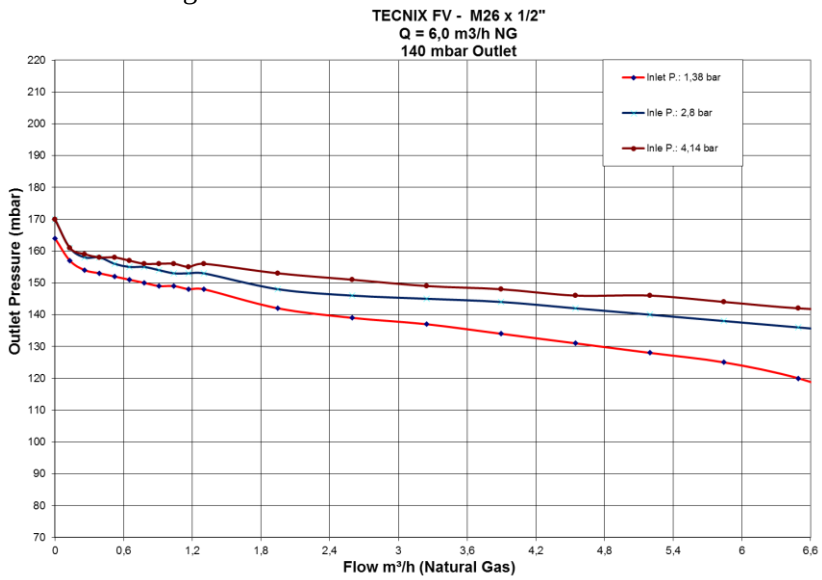
Second stage pressure regulator for natural gas with 6,0 m^3/h nominal flow considering 0,6 (air = 1) density. Including full relief valve according to NTC3727.



Material:
Body and cover made in Zamak; seat disc and diaphragm made in nitrilic rubber (NBR); internal components made in steel, zamak and plastic.

Features	**TECNIX FV – (CB52925)**
Working temperature	-20º C to +60º C
Minimum inlet pressure	1,38 barg (19,6 psi)
Maximum inlet pressure	4,14 barg (58,8 psi)
Set Point	Inlet pressure = 2,8 barg
	Outlet pressure = 140 mbarg
	Air flow standard conditions = 4,6 m3/h
Lock up pressure	≤ 182 mbarg
Spring adjusting range	120 to 160 mbarg
Relief Valve	Opening pressure ≤ 420 mbarg
	Closure pressure ≥ 238 mbarg
Vent	Maximum inlet pressure = 4,14 barg Maximum outlet pressure = 450 mbar Protection net against bugs – mesh from 16 to 20
Injector diameter	2,5 ± 0,2 mm
Nominal flow	6,0 m3/h of NG (Inlet = 1,38 barg) – SC
Maximum flow	6,6 m3/h of NG (Inlet = 1,38 barg) – SC
Minimum flow	0,9 m3/h of NG (Inlet = 4,14 barg) – SC
Maximum level of noise	60 dB
Inlet connection	M26 x 1,5 male
Outlet connection	1/2" NPT female
Surface finishing	Body and cover painted

General comments:

1. For a better performance is recommended to apply a filter inlet regulator;

"Warning" – Dirties can damage the regulator's seat;

2. Clean the pipe before install the regulator;
3. Is recommended to install this regulator outdoor;
4. The outlet pressure can be adjusted by the adjustment disc (removing the plastic cap);
5. For a good connection sealing, use a correct product and correct quantity;
6. Inlet connection have to be sealed applying a rubber ring;
7. Don't put in the connections torque over the standard limits;
8. FV – Full Vent (full relief valve);
9. SC – Standard Conditions (@ 15,5ºC and 1 Atm);
10. NG – Natural Gas.

Pressure units (international system): 1 bar = 1,02 Kgf/cm^2 1 Kgf/cm^2 ≅ 98 kPa ≅ 14,2 psi (lb/pol^2)