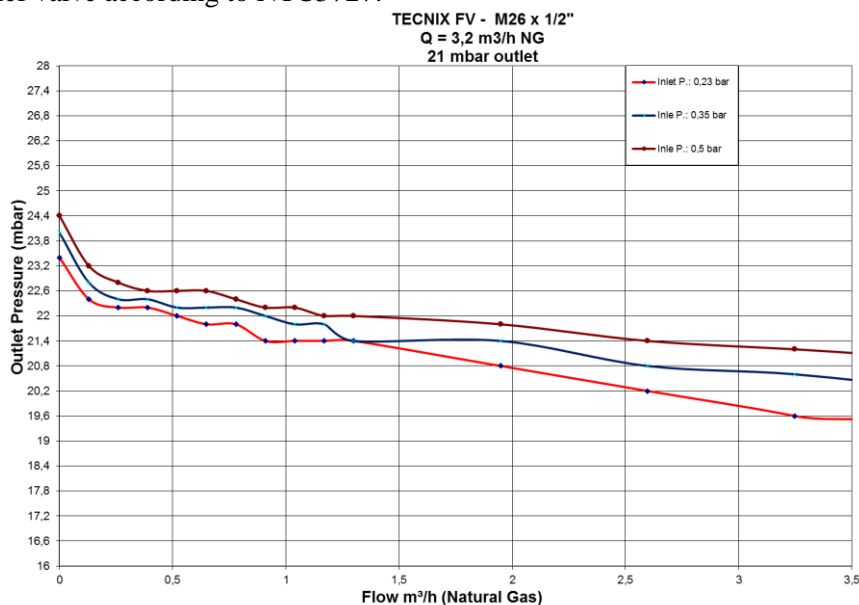
	Data Sheet	Revision: 1.3
	Low pressure regulator TECNIX FV M26 adjustable model	
	Code: CB52921 – Clesse	Page: 1 de 2

Second stage pressure regulator for natural gas with 3,2 m³/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 – (CB52921)
Working temperature	-20° C to +60° C
Minimum inlet pressure	0,23 barg (3,3 psi)
Maximum inlet pressure	0,70 barg (10 psi)
Set Point	Inlet pressure = 0,35 barg
	Outlet pressure = 21 mbar
	Air flow standard conditions = 2,5 m ³ /h
Lock up pressure	≤ 29 mbar
Spring adjusting range	18 to 23 mbar
Relief Valve	Opening pressure ≤ 69 mbar
	Closure pressure ≥ 39,1 mbar
Vent	Maximum inlet pressure = 0,70 barg Maximum outlet pressure = 140 mbar Protection net against bugs – mesh from 16 to 20
Injector diameter	3,2 ± 0,2 mm
Nominal flow	3,2 m ³ /h of NG (Inlet = 0,35 barg) – SC
Maximum flow	3,5 m ³ /h of NG (Inlet = 0,35 barg) – SC
Minimum flow	0,5 m ³ /h of NG (Inlet = 0,70 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



	Data Sheet	Revision: 1.3
	Low pressure regulator TECNIX FV M26 adjustable model	
	Code: CB52921 – Clesse	Page: 2 de 2

General comments:

1. For a better performance is recommended to apply a filter inlet the 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 (@ 15,5°C and 1 Atm);
10. NG – Natural Gas.

Pressure units (international system): 1 bar = 1,02 Kgf/cm²

1 Kgf/cm² \cong 98 kPa \cong 14,2 psi (lb/pol²)

