

Regulators BSI



*Line regulator - Single stage
Mounting on pipe network, gas panel or point of use
Suitable for pure gases and mixtures, non corrosive
Made of stainless steel
Working pressure from 0,05 to 10 bar. Flow rate up to 3,5 Nm³/h*

| Gas compatibility

IMPERATIVE : Check the gases compatibility of this equipment by referring to the "Gas Compatibility Table".

| Domains of application

The BSI regulators are used in labs for applications requiring repeatability and extremely accurate pressure control at the second stage.

They are used in particular to points of use, mounted on VPM.S shut-off valve or on ELC.S wall points of use.

| Performance

Models	Maximal inlet pressure at 15°C (bar)	Adjustable outlet pressure from/to (bar)	Nominal nitrogen flow rate* (Nm ³ /h)
BSI 50-10-3,5	50	0,4 to 10	3,5
BSI 50-1-2	50	0,05 to 1	2

| Technical Characteristics

- 316L stainless steel body
- PCTFE seat
- 316L stainless steel main valve
- Stainless steel bellows
- Pressure gauges Ø 50mm:
 - Stainless steel mechanism
 - PCTFE seals
- Other seals: EPDM / PCTFE
- Provide a filter on the inlet

| Accessories

- VPM.S wall valves.
- ELC.S wall point of use.

| Connection

- Depending on the material and the diameter of the pipe.
- Inlets and outlets : G 3/8 AL Type female.