

SENTRONIC^{LP}

Proportional pressure control valve
– simple, efficient control –



Simple, efficient control is available for everyone!

The SENTRONIC^{LP} is a highly efficient, yet highly economic option for your pressure regulation requirements.

Offering a small footprint, an easy to use and modular design, and advanced software capabilities, the SENTRONIC^{LP} and the full SENTRONIC range offers unrivalled value and product versatility to optimise your process, whatever the application requirements.

M12 Connection
Power Supply
Target/Actual Value

Pressure supply

Display

Buttons



Output:
G 1/4 Connection

Protective ground
connection: M4

Mounting

Exhaust:
G 1/4 Connection

Benefits for you:

- ✓ Low power consumption (< 4 Watt) due to pilot controlled system.
- ✓ A versatile, compact and lightweight design.
- ✓ Intelligent digital communication and simple operation.
- ✓ Pressure remains stable under flow conditions.
- ✓ Ensures the safety of your process: your pressure is held, even during power outages.
- ✓ Excellent value option.

The Control Panel

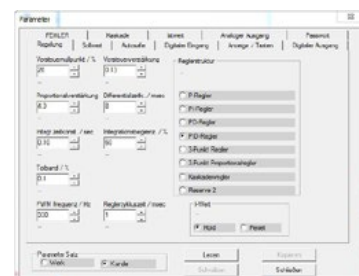
As standard the display shows you the current pressure (3-1/2 digits) and the pressure unit.

- **Easy to use:** Manually control the pressure using the push buttons when in Hand mode.
- **Versatile:** Make SENTRONIC^{LP} work for you with the following pressure unit options: bar, psi, Mpa, cmHg, mH2O etc.
- **Clear and accurate feedback at all times:** Stay in control of your process and reduce maintenance times and downtime with setpoint or feedback signal displays.



DaS – Intelligent Software

- **Easy to use:** Simple and quick to change the control parameters.
- **Secure:** Password protection
- **Intelligent:** Create customer protected parameters.



The Manifold version

- **Space saving design**
- Only one pressure supply is needed, allowing for economic, simple and quick installation.
- Offers the highest capabilities on the market – can hold up to 10 valves.



Technical data

Medium	Air or neutral gases
Pipe size	G1/4
Nominal diameter	DN4
Body	Inline or flange version
Hysteresis	< 1% of span
Linearity	< 1% of span
Repeatability	< 1% of span
Power consumption	< 4 Watt
Flow rate	470 NI/min
Pressure range	0-3 bar, 0-6 bar and 0-10 bar
Ambient temperature	+0°C to 50°C
Control signal	0 – 10 V, 0 – 20 mA or 4 - 20 mA



Scan the QR code to see ASCO in action.
Or visit www.asco.com/en-gb/Pages/pneumatic-valve-series-617.aspx

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