

EP500 Electro-pneumatic Positioner

The World's most user-friendly electro-pneumatic positioner

The EP500 is the World's first ergonomically designed electro-pneumatic positioner. Combining outstanding accuracy and industry-leading reliability with an ease of installation, calibration and operation second to none.

Operating on a balanced force principle, the EP500 control valve positioner combines time-tested technology with a modern design to accurately position your control valve whilst reducing installation and maintenance costs.

- ATEX Approved
- Easily commissioned and maintained via an ergonomically designed access hatch
- Damping screw improving control accuracy
- Integrated gauges simplifying the mounting and commissioning process and aiding fault finding



Technical Overview

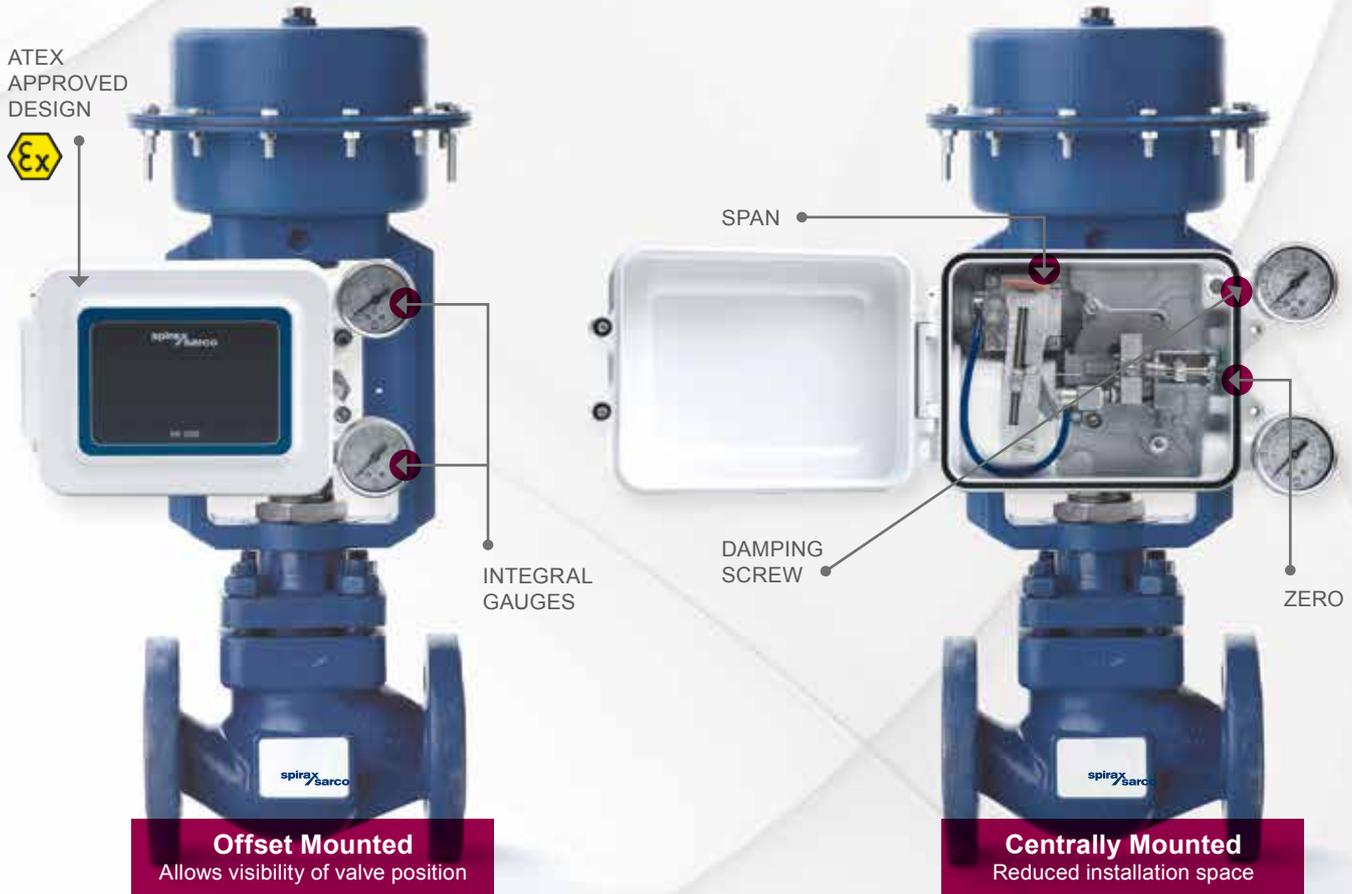
Control signal input	4-20 mA – Capable of split-range control in conjunction with an appropriate controller
Actuator stroke	From 10mm to 100mm
Enclosure rating	IP65
Mounting	The EP500 can be mounted to any Spirax Sarco actuator and any other actuator that conforms to DIN IEC 534 (NAMUR)
Gauges	Integral to the positioner
Approvals	Explosion proof or intrinsically safe ATEX approval options 

Designed with the user in mind

The EP500's unique design maximises both user experience and positioner performance.

Flexible installation

- The EP500 is available with dual, out of the box mounting options allowing installation either centrally or offset on the actuator for optimal placement.



Offset Mounted
Allows visibility of valve position

Centrally Mounted
Reduced installation space

The economics of ergonomics

- A quicker and easier set up than any other electro-pneumatic positioner on the market
- Clearly coloured, easily accessible adjusters
- Ergonomic design improves speed and ease of access to the internals
- A quick fit electrical connections cap removes the need to open the main cover
- Hinged cover offers hassle free access with minimal effort
- Reduced installation & commissioning costs.

The fastest commissioned positioner on the market

- Integral gauges allow greater visibility of the supply and actuator air pressures, simplifying the mounting and commissioning process and aiding fault finding.



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