

# One that masters the essential: SIPART PS100

Easy and reliable valve control

usa.siemens.com/positioners

## Easy, fast, and reliable control for standard applications

Positioners are essential to the smooth and reliable operation of your process. They play a vital role in ensuring the best possible performance throughout your plant. A great example is our new electropneumatic positioner, the SIPART PS100. Its ease and speed of initialization make it a winner for valve manufacturers, the chemical industry, the energy sector, and many other fields. Special benefits of the SIPART PS100 include robust construction and ease of operation.



#### Easy to operate



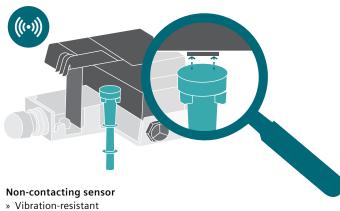
#### Quick to initialize

- » One-push initialization: initialize at the push of a button
- » Device automatically adjusts to the connected valve

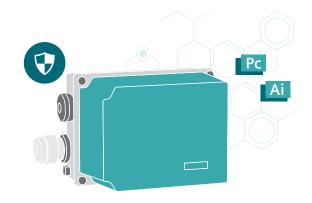


#### Easy selection of the control mode

- » Application parameters to select a range of modes, for example: precise control, on/off operation, booster applications
- » Maximum performance for every application



- » Non-wearing
- » Accurate and continuous detection of valve position

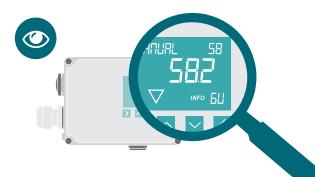


#### Ready for tough process conditions

- » Completely enclosed design
- » Two enclosure versions
- Aluminum resistant to mechanical influences
- Polycarbonate with a clear view of the screen

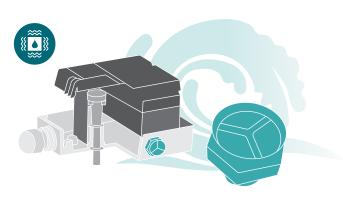
### **Simply robust**





Valve status at a glance » Screen symbols in accordance with NAMUR NE107 » Local operation with large screen and four buttons





#### Non-corrosive sound absorber

» Suitable for aggressive process conditions





Technical data	
Enclosure	Aluminum, aluminum/polycarbonate
Digital input/digital output	1 DI/1 DO
Computed value	4–20 mA
Stroke range	0.12 5.12" (longer strokes on request)
Range of rotation	10 100°
Required air quality	Class 3 as per ISO 8573-1
Ambient air temperature	(-4 +176 °F)
Pneumatic auxiliary power	20.3 101.5 psi
Air throughput - Inlet to actuator (at $\Delta p = 6$ bar) - Outlet from actuator (at $\Delta p = 6$ bar)	9.8 m³/h (5.76 SCFM) 19.2 m³/h (11.30 SCFM)
Degree of protection	Type 4X, IP66

Siemens Industry, Inc. Process Industries and Drives 100 Technology Drive Alpharetta, GA 30005 1-800-365-8766 info.us@siemens.com

Subject to change without prior notice Order No.: PIBR-B10458-1218 All rights reserved Printed in USA © 2018 Siemens Industry, Inc.

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

All product designations may be registered trademarks of Siemens AG. All other designations in this document may represent trademarks whose use by third parties for their own purposes may violate the proprietary rights of the owner.