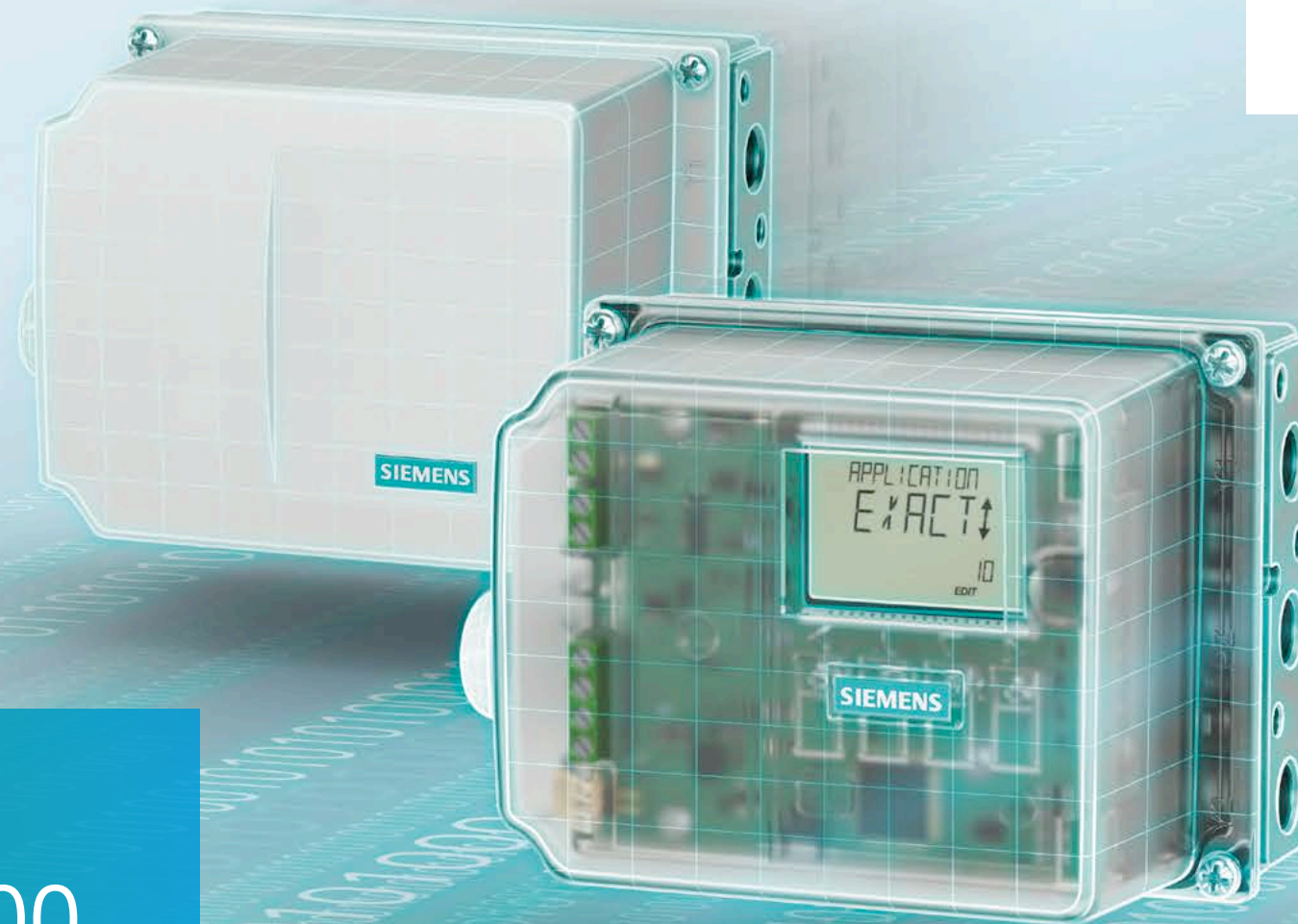


One that masters the essential: SIPART PS100

Easy and reliable valve control

[siemens.com/sipartps100](https://www.siemens.com/sipartps100)

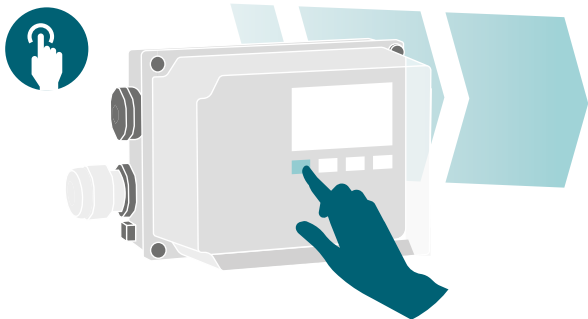


Easy, fast, and reliable control for standard applications

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.

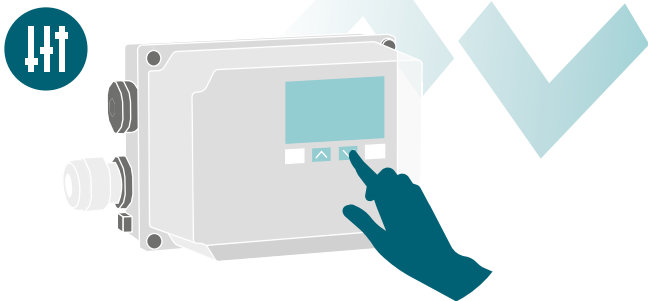


Easy to operate



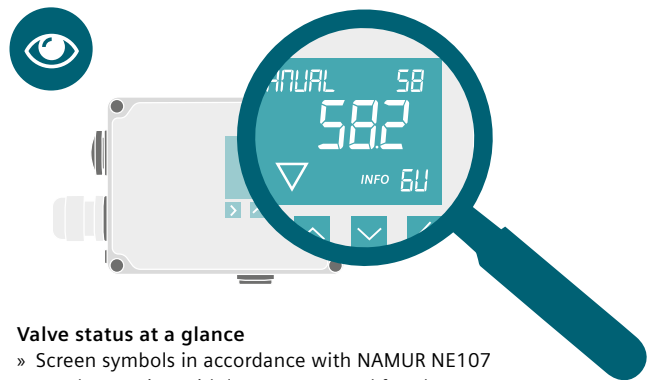
Quick to initialize

- » 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



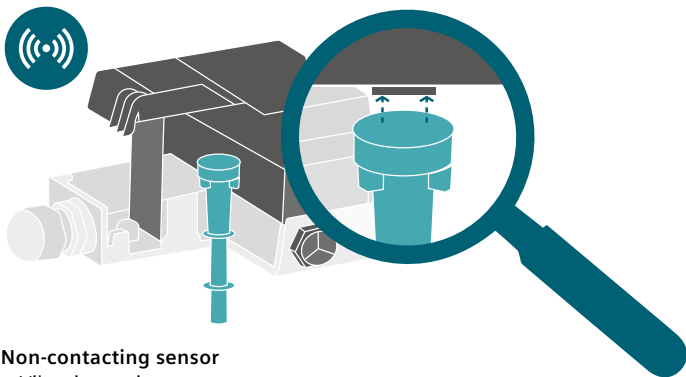
Valve status at a glance

- » Screen symbols in accordance with NAMUR NE107
- » Local operation with large screen and four buttons

Animated video on user-friendliness

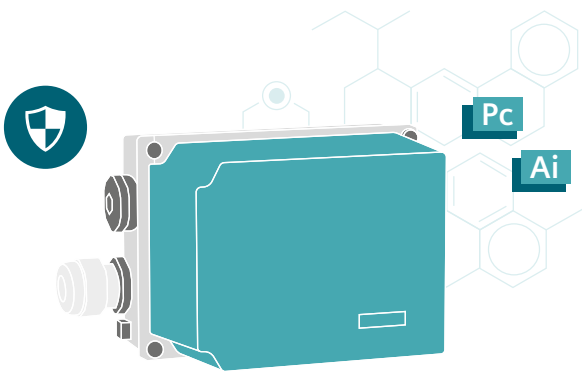


Simply robust



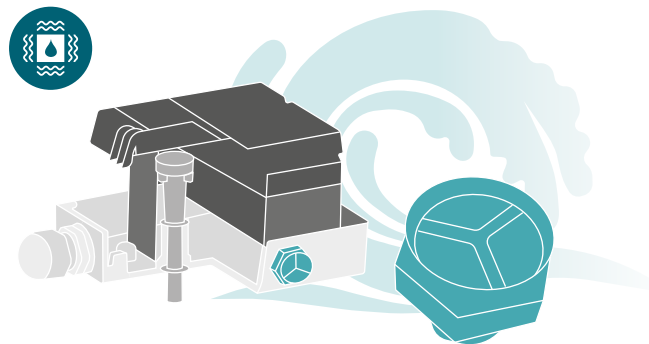
Non-contacting sensor

- » Vibration-resistant
- » 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



Non-corrosive sound absorber


- » Suitable for aggressive process conditions

Animated video on robust design




Wireless access to SIPART PS100 valve positioner

Via easy to retrofit Bluetooth® adapter and SITRANS mobile IQ app




Easy access to SIPART PS100 in difficult accessible locations

- Time savings and less safety issues to access SIPART PS100 from a distance via mobile phone or tablet



Easy and fast commissioning

- Commissioning via SITRANS mobile IQ app is much easier and comfortable than commissioning via display and buttons of the field device
- Especially time-saving for the case of several devices by copying parameters from one device to another



Readout of important information that is not displayed on local device display

- SITRANS mobile IQ app shows trend charts of process values and displays diagnostic data
- Complete error messages and description for corrective actions
- Access to manual, certificates, FAQ's and more



SITRANS AW050
Easy to retrofit Bluetooth® adapter for SIPART PS100

SITRANS mobile IQ app
Smart app that establishes a connection to Bluetooth® enabled SIPART PS100



<https://siemens.com/sipartps100>
<https://siemens.com/mobileiq>



Technical data	
Enclosure	Aluminum, aluminum/polycarbonate
Digital input/digital output	1 DI/ 1 DO
Limit values	1 (electronic)
Communication	4 ... 20 mA, HART, Bluetooth
Stroke range	10 ... 130 mm (longer strokes on request) (0.12 ... 5.12")
Range of rotation	10 ... 100°
Required air quality	Class 3 as per ISO 8573-1
Ambient air temperature	-20 ... +80 °C (-4 ... +176 °F)
Pneumatic auxiliary power	1.4 to 7 bar (20.3 ... 101.5 psi)
Air throughput	- Inlet to actuator (at Δp = 6 bar) - Outlet from actuator (at Δp = 6 bar)
Degree of protection	Type 4X, IP66
Explosion protection	• ATEX, IECEx: Ex i, Ex e, Ex t • FM/CSA: IS, NII/2, DIP • Many more certificates at http://www.siemens.com/processinstrumentation/certificates

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