

Ease-of-use

Easy and fast commissioning with less maintenance due to smart diagnostics



Flexibility

For all common types of valve actuators and applications



Quality

International certifications, long product lifetime and robust design



Reliability & Performance

Proven in use with more than 2 million units sold worldwide

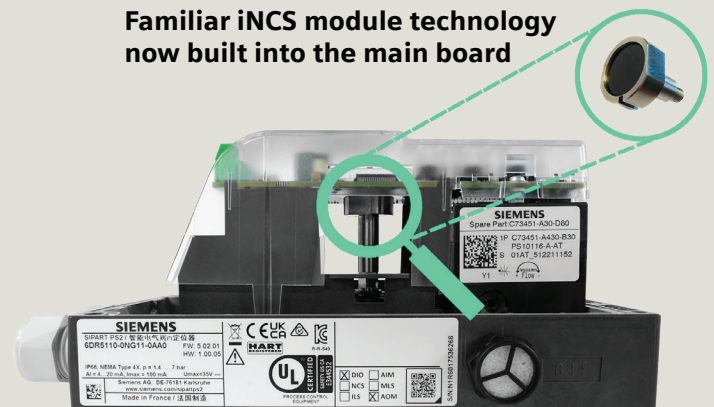


Sustainability

Best-in-class compressed air consumption for sustainable operation and minimal energy costs



Familiar iNCS module technology now built into the main board



PROCESS INSTRUMENTATION

Siemens SIPART PS2 - Now available with inductive, wear-free position detection and Bluetooth® functionality

usa.siemens.com/ps2

Robust position detection is an important feature for valves and actuators. Especially when it comes to vibration, explosion protection and SIL applications across all industries like e.g. chemical and petrochemical industry.

SIEMENS

Digitalization is crucial in the field of process instrumentation for life status, process monitoring and predictive maintenance of your instruments.

Siemens introduced Bluetooth and NCSoB (Non-Contact Sensor on Board technology) for the SIPART PS100 models already. Now the features are available for our flagship SIPART PS2 as well.

SIPART PS2 is now available with inductive, wear-free position detection

With the new integrated inductive and wear-free position detection system the SIPART PS2 has improved robustness in 4...20mA and HART applications. This enables an even higher MTBF (mean time in between failures) due to the reduction of the number of mechanical parts which underly the natural mechanical wearing.

Following was achieved:

- Easier and faster commissioning due to fewer mechanical interactions
- Extended angle of rotation up to 160°
- Improved robustness against vibrations
- NCS with limit switches combinable in one device.

SIPART PS2 goes digital with Bluetooth and Siemens SITRANS mobile IQ App

With the new SIPART PS2 connected to the Siemens mobile IQ App via Bluetooth, a great step towards improving process monitoring and predictive maintenance is reached, especially when the device is physically difficult to access. The Bluetooth functionality is fully integrated in the positioner enclosure and officially registered. With the new Bluetooth option, the easiest access to the advanced SIPART PS100 and PS2 data and control functions is possible.

Moreover, you can simply execute supported commissioning in the field. Copying the existing set parameters to further instruments installing them identical with just a click. The advanced diagnostics are visible in charts with target-performance comparison (see Figure 1).



Figure 1

Correcting irregularities or imperfections in the valve movements in real time, in front of the positioner is easily done. The QR code on the device makes it easy to download the handbook for detailed instructions. Summarized, Siemens SIPART positioners are equipped with a well-known feature of consuming a minimum of compressed air. They offer superior connectivity and enhanced durability, along with a longer lifespan due to the integrated noncontact sensor technology. Moreover, Bluetooth technology provides a much easier and more convenient onstage usability.

To learn more visit: www.usa.siemens.com/ps2

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