

The Siemens logo is displayed in a bold, teal, sans-serif font. It is positioned in the upper left corner of the page, set against a white rectangular background that partially overlaps a large, high-contrast image of a water splash. The water splash is a vibrant blue and white, showing dynamic movement and droplets, filling the upper half of the advertisement.

Process Instrumentation

Water Purification System

Reliable purification of industrial water

Add value to your water purification system by reducing the engineering effort and improving integration in plant wide automation/DCS systems.

Furthermore, reliable and precise flow metering helps reduce costs by enhancing system efficiency and optimizing consumption.

For measuring pressure at the inlet and outlet of the UV-filter, Siemens offers a full range of accurate and reliable pressure transmitters to match your specific needs.

With Siemens Process Instrumentation, you can equip your water purification system with field instruments that have a consistent look and feel throughout the life cycle of your system, from engineering, to control and maintenance.



[siemens.com/processinstrumentation/oem](https://www.siemens.com/processinstrumentation/oem)

SITRANS P DS III – Digital pressure transmitter	
Measuring range	Gauge pressure: 0 to 250 mbar ... 0 to 700 bar Absolute pressure (GP design): 0 to 250 mbar a ... 0 to 30 bar a Absolute pressure (DP design): 0 to 250 mbar a ... 0 to 100 bar a Differential pressure: 0 to 20 mbar ... 0 to 30 bar
Wetted parts material	Stainless steel 316L (1.4404), Hastelloy C-276, Tantalum, Monel 400, Gold (coating) and various O-ring materials
Process temperature	-40 to 100 °C (-40 to 212 °F)

Benefits:

- Extensive diagnostics and simulation functions
- Good long-term stability and minimum conformity error
- Wide range of certifications and approvals

SITRANS F M MAG 5100 W with MAG 5000 – Electromagnetic flow sensor with transmitter	
Diameter	DN15 to DN2000 (1/2" to 78")
Wetted parts material	Lining: NBR-Harttrubber, EPDM, Ebonit Electrode: Hastelloy C-276
Medium temperature	-10 to 70 °C (14 to 158 °F)

Benefits:




- Highest accuracy standard and long life stability
- Approved according various international certification standards
- Compact or remote mounted transmitter

SIPART PS2 – Electropneumatic positioner	
Stroke/Rotary range	3 to 200 mm (0.12 to 5.12 inch) -> larger strokes available on request 30° to 100°
Housing material	Makrolon®, Aluminum, Stainless steel
Ambient temperature	-40 to 80 °C (-40 to 176 °F)

Benefits:

- Extensive diagnostic functions as standard
- Negligible air consumption in stationary operation
- Communication via HART7, Profibus PA or Foundation Fieldbus

Siemens plant-wide future-proof automation, based on drives technology and industrial software and services, will enable your machine or plant to exploit all possible potential for optimization.
Besides instrumentation we offer further suitable products to complete your application needs.

SIMATIC I/O Systems	SIMATIC HMI	SITOP Power Supplies
 <p>Distributed I/Os - in cabinets / at the machine or hazardous areas with seamless integration</p>	 <p>Optimized operator control and monitoring systems using open and standardized interfaces</p>	 <p>Energy-efficient operation with reliable and constant power supply for every application</p>

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Process Automation
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