

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, capturing the dynamic movement of liquid droplets and bubbles.

Process Instrumentation

Liquid dosing system for food and beverages

Best-in-class products for hygienic applications

Liquid dosing systems are used for precise, efficient and reliable dosing of liquid products in the food and beverage industry. Typically these are always pumpable products such as water, yeast, milk, cream, eggs, liquid sugar, jam, chocolate, enhancers, dough, etc.

The dosing of these liquid products requires accurate and automated instrumentation systems to ensure correct dosing for the food recipe. Additionally all hygienic requirements have to be fulfilled.

With the Siemens Process Instrumentation portfolio of pressure, flow, level and temperature devices, we can ensure a productive, reliable and hygienic dosing of your liquid.



[siemens.com/sensors/industries](https://www.siemens.com/sensors/industries)



SITRANS P Compact – Compact pressure transmitter

Measuring range	Gauge pressure: 0 to 160 mbar ... 0 to 40 bar Absolute pressure: 0 to 10 bar a
Wetted parts material	Stainless steel 316L (1.4404)
Process temperature	-10 to 200 °C (14 to 392 °F)

Benefits:

- Corrosion-resistant stainless steel 316L (1.4404) housing
- Front flush membrane for hygienic safety with a wide variety of hygienic process connections and remote seals available
- Hygiene-based design according to EHEDG, FDA und GMP recommendations



SITRANS F M MAG 1100 F with MAG5000 – Electromagnetic flowmeter with transmitter

Diameter	DN10 to DN100 (3/8" to 4")
Wetted parts material	Lining: Ceramic, PFA Electrodes: Platinum, Hastelloy Gasket: EPDM, NBR, FKM/FPM
Process temperature	Ceramic: -20 to 150 °C (-4 to 302 °F) PFA: -30 to 130 °C (-22 to 266 °F)

Benefits:

- Corrosion-resistant stainless steel 316L (1.4404) sensor housing
- Hygienic process connections with all hygienic approvals like: 3A, EHEDG, compliant to FDA
- Compact or remote mounting possible, easy "plug & play", field changeable



SITRANS TS300 with TH100 – Temperature sensor and transmitter

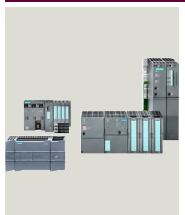
Wetted parts material	Stainless steel 316L (1.4404)
Sensor accuracy	Class A according to IEC 60751
Process temperature	-20 to 400°C (-4 to 752 °F)

Benefits:

- Hygienic design, constructive design according to the EHEDG recommendations
- Process connections for food/pharmaceutical/biotechnology
- Measuring insert interchangeable

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 Controllers



PLC or PC based control solution for stand-alone to highly complex applications

SIMATIC HMI



Optimized operator control and monitoring systems using open and standardized interfaces

SITOP Power Supplies



Energy-efficient operation with reliable and constant power supply for all applications

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