

The Siemens logo is displayed in a white box in the top left corner of the page. The background of the entire top half of the page is a photograph of a beverage production line, showing glass bottles being processed by machinery with a Siemens sensor unit attached.

Process Instrumentation

Beverage Separator / Decanter Unit

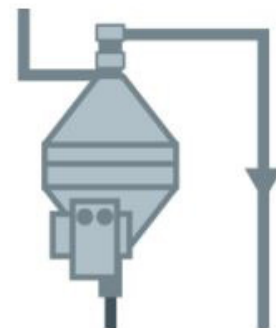
Clean products for your separation process

Separator and decanter units are used for mechanical separation and clarification of mixtures comprising solids and liquids.

To manufacture reliable and outstanding performance, separator and decanter units for the beverage industry need different types of best-in class transmitters. Precise flow metering is not only a decisive factor for product quality, it also helps reduce costs by high efficiency and optimizing consumption. Precisely monitoring the process temperature and pressure helps to identify process faults at an early stage.

With a wide range of different process instrumentation for pressure, temperature and flow measurements, Siemens Process Instrumentation allows you to find the right device for your needs.

This matches your requirements from basic to highly automated installations.



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



SITRANS P Compact – Compact pressure transmitter

Measuring range	Gauge pressure: 0 to 160 mbar ... 0 to 40 bar Gauge pressure: -160 to 0 mbar ... -1 to 15 bar Absolute pressure: 0 to 1 bar a ... 0 to 10 bar
Wetted parts material	Stainless steel 316L (1.4404)
Process temperature	-10 to 200 °C (14 to 392 °F)

Benefits:

- Basic option for mid-range accuracy demand
- 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 and GMD recommendations



SITRANS F M MAG 1100 F with MAG 5000 – Electromagnetic flow sensor 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 and play“, field changeable



SITRANS LVL100 – Compact vibrating level switch

Insertion length	40 mm (1.57 inch)
Wetted parts material	Process connection: Stainless steel 316L (1.4404 or 1.4435) Seal: Klingersil C-4400
Process temperature	-40 to 150 °C (-40 to 302 °F)

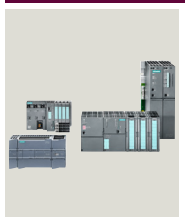
Benefits:

- Compact insertion length for confined space application
- Fault monitoring for corrosion, loss of vibration, or line break to the piezo drive
- Hygienic process connections

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

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