

SIEMENS

Process Instrumentation

Milk Storage Tank

Hygienic and accurate level measurements


A cost-effective dairy process relies on monitoring milk levels in tanks precisely and continuously, and avoiding overfilling.

Turbulence during filling and foam formation are factors that make measuring the fill level in milk tanks more difficult. Precise and accurate measuring is, however, a decisive element in ensuring efficiency and smooth process runs.

Siemens offers various possibilities of level measurement to ensure a hygienic and accurate level measurement.




[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 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 P300 - Digital pressure transmitter	
	Measuring range	Gauge pressure: 0 to 1 bar ... 0 to 400 bar Absolute pressure: 0 to 250 mbar a ... 0 to 30 bar a
	Wetted parts material	Stainless steel 316L (1.4404), Hastelloy C-276
	Process temperature	-40 to 200 °C (-40 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
- Available with all hygienic approvals like: 3A, EHEDG, compliant to FDA


	SITRANS LR250 HEA - Pulse radar level transmitter	
	Measuring range	20 m (66 ft)
	Wetted parts material	Stainless steel 316L (1.4404)
	Process temperature	-40 to 170 °C (-40 to 338 °F)

Benefits:

- Surface finish for maximum cleanability and hygiene requirements commonly required in sanitary environments
- Industry standard process connections for food/ pharmaceutical/biotechnology
- Narrow beam for easy setup and high performance


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.

SITOP Power Supplies



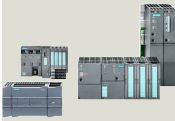
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