SIEMENS

Ingenuity for life

Process Instrumentation

Level measurement?

Meet application versatility.

usa.siemens.com/level

SITRANS LG – simple and reliable

The SITRANS LG just works. Simple, reliable installation, little to no configuration. Extreme process conditions don't stand a chance. Perfect for the easiest applications to the most demanding. Hygienic. Liquids. Solids. Slurries. Inventory. Process control. Aggressive materials. The possibilities are endless.

Measuring interface or level? We can do that. SITRANS LG does what you need it to do. Four models make up the series – your experts for a world of applications.

Quick and easy setup with local four-button programming and menu-driven preset parameters gets you operational in minutes, saving you time and money.

Advanced echo processing gives you unrestricted measurement down the length of the entire probe, so you'll always have accurate readings even in small containers.

And due to advanced signal profile processing, SITRANS LG continues to measure even with loss of echo in low dielectric materials.

Oh, and did we mention the optional removable display? Backlit, easy to read, and with mounting capabilities for your convenience.

Hygienic – SITRANS LG240
- Food & beverage
- Pharmaceutical
- Corrosive

Liquids – SITRANS LG250
- Raw material
- Storage
- Processing
- Interface

Solids – SITRANS LG260
- Powders
- Granules

Extreme conditions – SITRANS LG270
- High or low pressure
- High or low temperature
- Aggressive materials (i.e. ammonia)
- Steam




	SITRANS LG240	SITRANS LG250	SITRANS LG260	SITRANS LG270
	Hygienic	Liquids	Bulk solids	Extreme conditions
Order No.	7ML5880	7ML5881	7ML5882	7ML5883
Range	• Cable version: 4 mm (0.16") to max. length 32 m (1260") • Rod version: 8 mm (0.31") to max. length 4 m (157")	• Exchangeable cable version: 2 mm (0.08"), 4 mm (0.16") max. length 75 m (2952") • Exchangeable rod version: 8 mm (0.31") max. length 6 m (236") • Coaxial version: 21.3 mm (0.84"), 42 mm (1.62") max. length 6 m (236")	• Exchangeable cable version: 4 mm (0.16"), 6 mm (0.24"), 11 mm (0.43") max. length 60 m (2362") • Exchangeable rod version: 16 mm (0.63") max. length 6 m (236")	• Exchangeable cable version: 2 mm (0.08"), 4 mm (0.16") max. length 60 m (2362") • Exchangeable rod version: 16 mm (0.63") max. length 6 m (236") • Coaxial version: 42 mm (1.62") max. length 6 m (236")
Accuracy	±2 mm (0.08")			
Key features	• **High-grade stainless steel rod for hygienic, food and beverage, and pharmaceutical** • **High accuracy** • **Suitable for foam, aggressive vapors, or material buildup** • **Ideal for measurement in small vessels** • **Stainless steel housing rated IP 69K for high-pressure/temperature cleaning** • Autoclave version for quick and easy removal of instrument housing • PFA coated sensor	• **Reliable and accurate in all liquids – raw materials, storage, and processing** • **Suitable for foam, buildup, and steam** • **Easy switch from interface to level measurement** • **Extended insertion length – probe lengths up to 75 m (246 ft)** • **Extended diagnostics** • **Second barrier for aggressive materials, including ammonia**	• **Reliable and accurate measurement in powders, granules, and extreme dust such as plastic applications** • **Continuous probe condition monitoring ensures operational safety and application reliability**	• **Extreme conditions with high or low pressures or temperatures** • **Strong construction with dual seal to ensure its integrity in tough applications** • **Real-time measurements for applications in steam boilers** • **Measurement independent of gas readings** • **Safety rated for 72 hours of unattended operation** • **Second barrier for aggressive materials, including ammonia**
Communications or outputs	4 to 20 mA/HART	4 to 20 mA/HART	4 to 20 mA/HART	4 to 20 mA/HART

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