

SIEMENS



PROCESS INSTRUMENTATION

SITRANS LT500 HydroRanger/MultiRanger— the next evolution of level control

usa.siemens.com/sitransLT500

From over a century of innovative engineering experience and 40+ years of controller experience now comes the latest advancement in level control. Compatible with radar or ultrasonic transmitters or any other 2-wire 4-20 mA device, the SITRANS LT500 HydroRanger/MultiRanger gives you the sophisticated control you expect using your preferred technology sensor. Complete with preprogrammed pumping routines, advanced diagnostics, onboard datalogging and high-accuracy flow measurement, the LT500 controller keeps your operation compliant with even the most stringent environmental regulations. It can also help you avoid peak energy times to reduce your carbon footprint as well as minimize the need for site visits thanks to its reliability and connectivity.

Embrace the proven, welcome the new

The next evolution of level, flow, and pump controllers for radar and ultrasonic transmitters – or any other 2-wire 4-20 mA device.



Environmental compliance

Controlling your application keeps you operating within local legislation. From basic level monitoring to complex pumping routines, protect the environment while keeping accurate records of your process.

- Onboard datalogging ensures reliable data backup
- High-accuracy flow measurements meet ISO standards
- Adherence to strict regional regulatory compliance
- Easy retrofit of older equipment to provide a new choice of inputs

Reduced carbon footprint

Better control over your systems brings savings.

- Avoid peak energy hours: schedule your pumps before high-demand periods and save money
- Connectivity and reliable level measurement reduce site visits and CO₂ emissions
- Programmable features – grease ring reduction, pump runtime and alternating pumps – reduce maintenance



Safety first

Installation of a controller protects your most valuable assets.

- Reduce personnel access to vessel tops or confined spaces
- High-level alarms and backup level override help prevent overflow of hazardous materials
- Simple push-button configuration from the safety of the controller
- User-configurable passwords protect access
- Backup control to a PLC
- Isolated wiring compartment

Process optimization for better business

Digitalization-ready for connection to the cloud, IIoT or networks using standard industry protocols and onboard datalogging for events, totalizers, pumps, and more. Everything at your fingertips and just a touch away.



Legal Manufacturer
Siemens Industry, Inc.
100 Technology Drive
Alpharetta, GA 30005
United States of America
Telephone: +1 (800) 365-8766
usa.siemens.com/level
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