

Gauger *GSM*

Novel level sensor with integrated GSM modem

Gauger *GSM* is an ultrasonic level meter with integrated cellular communications. The product is a cost-effective solution for remote monitoring in applications such as fuel theft detection, wastewater flow monitoring and river flood alerts.

Target markets

Fuel tank monitoring - Managing fuel tanks at remote sites:

- Fuel theft and leakage detection
- Just-in-time refueling
- Continuous inventory tracking

Wastewater monitoring - in-ditch level meter:

- Avoiding sewer blockage and unexpected overflow.
- 24/7 monitoring of sewer junctions
- Savings in maintenance, manpower and energy resources
- Simple installation – no road digging

Remote monitoring of water reservoirs and rivers:

- Fit for harsh weather conditions including rain and direct sun
- Embedded & external temperature sensors
- Periodic reports on the hour
- SMS reports to assigned personal or on demand Alerts

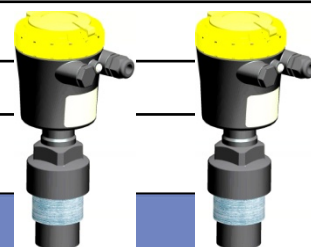
Benefits

- Rapid return on the investment – measured in months
- Fit for any site where SMS or GPRS is available
- Complete data ownership - no on-going fees for control software
- Flexibility for customized alerts and reports



Gauger *GSM*

Parameter		Specifications (*)
Description		Mono-block, ultrasonic level meter with embedded cellular modem
Range for liquids targets (max)		8 meters
Dead zone		15 cm
Accuracy		+/-0.5 cm
Measured values		Distance, level, (absolute and %), temperature, operating hours
Temperature compensation		Included. embedded and an external temperature sensors for accurate readings in rapid temperature variations
Optional display	Display type	64X128 Graphic LCD, viewing window 50X25mm ²
	Display resolution	1 mm
Communication interfaces		<ul style="list-style-type: none"> • Cellular (GSM) link for transmission of measured data • USB for quick set up and for local monitoring
Additional interfaces		<ul style="list-style-type: none"> • One SPDT relay digital output • One dry contact digital input • One multifunctional port for one RS485 communication link or for one analog (variable resistance) input or for two dry contact digital inputs
Operating temperature		-30°C to +70°C (-20°C to +70°C with display option)
Installation threads		1.5" NPT or 1.5" BSP
Power supply		8 to 33 VDC
Sensor material		PVDF
Process tracking rate(max)		10 meter per minute
Dimensions		28 X Ø11 cm approx.
Certifications		CE, ROHS



(*)All specifications are subject to change without notice

www.solidAT.com
info@solidat.com

