

GaugerGSM

Level sensor with integrated GSM modem

Applications

Fuel tank monitoring

- Detecting fuel theft and leakage
- Continuous inventory tracking

Wastewater monitoring

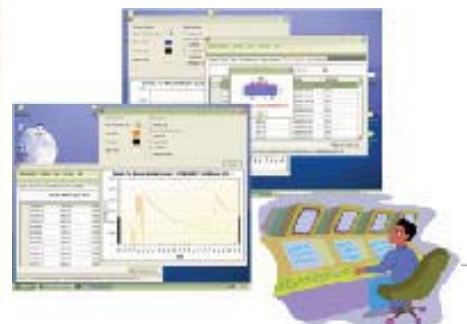
- Detecting sewer blockage and overflow
- Wastewater spill recording
- Simple installation – no road digging

Water reservoirs and rivers:

- Detecting flood conditions
- Periodic and on-demand reports

Benefits

- Complete data ownership - no on-going fees for control software
- Rapid return on the investment – measured in months
- Fit for any site where SMS or GPRS is available
- Flexibility for customized alerts and reports
- 24/7 monitoring

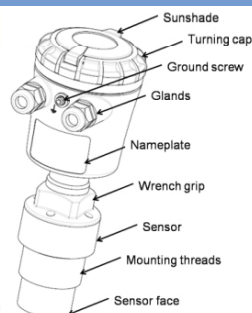


GaugerGSM

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 or 0.2% of max range
Measured values		Distance, level, temperature, operating hours
Temperature compensation		Embedded and 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 • Support for SMS and GPRS • 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 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 Low power option for long life battery based operation
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



Your distributor
Coulton Instrumentation Ltd
 17 Somerford Business Park, Christchurch, BH23 3RU, UK
 Tel: +44 1202 480 303 - E-mail: sales@coulton.com - Web: www.coulton.com

You Can Measure the Benefits...