



Data Logger & Level Sensor

Tank Level Monitoring

This rugged and autonomous monitoring solution is designed to provide accurate and reliable pressure readings for tanks and other applications requiring pressure and fluid level measurement. Whether you're monitoring tanks in industrial settings or on tank trucks, this system can easily handle the task.

This solution consists of a level sensor specifically designed for fluid level measurement and a DeltaBlue datalogger with an integrated motion sensor with GPS tracking, allowing for seamless monitoring of portable tanks. This monitoring set-up is highly versatile, making it suitable for various industries and applications. It is the perfect choice for those looking to streamline their tank monitoring processes and ensure safe and efficient operation of their equipment.

A Complete System

The system features a data logger and a fully sealed submersible level transmitter, ensuring reliable and accurate readings even in harsh outdoor

environments. The transmitter is ATEX explosion-proof certified, making it suitable for various industries, including gas tanks, sewage, chemical plants, and more.

Your measurement data is automatically uploaded to a cloud-based management system, allowing easy access via mobile phone, tablet, or computer. This means that you can stay informed about water and pressure levels in real time, no matter where you are.

Features and Benefits

Low cost and low maintenance

Easy and fast installation

Instant alerts for critical events via web, SMS, or email

No fixed communication or power source required



Technical Data

Model:	DeltaBlue
Cellular:	4G, 3G and 2G
GPS:	GPS/QZSS, GLO, Gal, BDS
Antenna:	Cellular: Integrated and external GPS: External
External inputs:	6x Digital, analog and pulse
Internal sensors:	Temperature: accuracy $\pm 0.2^{\circ}\text{C}$ Humidity: accuracy $\pm 3\%$ Accelerometer: 3-axis motion detector
Operating temp:	-30°C to $+70^{\circ}\text{C}$
Size:	70 x 99 x 47 mm
Weight:	340 g
Casing:	Ventilated IP67 casing

Outdoor Data Logger

DeltaBlue is a rugged data logger used for measuring in remote areas without access to power or communication. It has an integrated GPS and is suitable for mobile applications. By easily pairing DeltaBlue with a level sensor you can get a full water level measurement solution. External sensors for measuring humidity, temperature, and other parameters can also be connected. The device is equipped with an accelerometer to recognize vibration or movement.

DeltaBlue has a battery life of up to three years and is an ideal choice for long-lasting and reliable performance. It has an integrated 7-channel datalogger, wireless modem, and temperature sensor, and is pre-configured for the most common sensor types with 3.6V, 5V and 16V power feed. The DeltaBlue comes complete with a battery, SIM card, and integrated GSM and GPS antennas and can be easily integrated with SCADA and telemetry systems for even more versatility. Access and analyze your logged measurements via an IoT Cloud Dashboard.

Model:	Submersible Level Transmitter
Range:	0mH ₂ O~1mH ₂ O...200mH ₂ O
Overpressure:	2 times FS
Pressure Type:	gauge, absolute
Application Temp:	-20°C ~ 70°C (cable material: PE, PVC) -20°C ~ 80°C (cable material: PUR)
Storage Temp:	-20°C ~ 85°C
Vibration:	10g, 55Hz ~ 2000Hz
Shock:	100g, 11ms
Class:	IP68, ATEX
Operating temp:	-30°C to $+70^{\circ}\text{C}$
Size:	77 mm 26 \varnothing
Weight:	≤ 220 g

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