



GauSonic GTF-100

Ultrasonic Clamp-On Flowmeter



Gausonic GTF-100

Product Description:

Overview

The GauSonic GTF-100 is a non-invasive, clamp-on ultrasonic flowmeter ideal for measuring the flow of clean or slightly dirty liquids in full pipes. Designed for flexibility and ease of installation, this product is suitable for applications across various sectors, including water, wastewater, chemical, and industrial.

Key Features

- Non-intrusive clamp-on design
- Accuracy: $\pm 1.0\%$ of reading
- Repeatability: $\pm 0.2\%$
- Wide pipe compatibility: DN15 to DN6000
- Outputs: 4–20mA, pulse, RS485 Modbus Die-cast
- IP65 housing, IP68 transducers
- Data logging and totaliser functionality

Technical Specifications

- Flow Velocity Range: ± 32 m/s
- Power Supply: 220VAC or 8–36VDC
- Input: 5-ch 4–20mA
- Output: 4–20mA, OCT pulse, RS232/RS485, relay
- Operating Temp: -30°C to $+80^{\circ}\text{C}$ (main unit), up to 160°C (transducers)
- Protection: IP65 (converter), IP68 (transducers)
- Supported pipe materials: metal, PVC, HDPE, fiberglass