Ultrasonic Gas Flowmeter FMT-1100

I. Features

- Adopts advanced ultrasonic gas sensing technology.
- No mechanical removable parts, no interference by other medium.
- Anti-corrosive ceramic ultrasonic detector
- With temperature and pressure compensation
- Able to detect CH4 content directly (optional)
- Internal intelligent data storage function in maximum three months
- Measurement value display/real-time curve display
- Dual power supply: soft battery and 220VAC

II. Specifications

Pipe diameter	DN40	DN80	Dn100	Dn150	Dn200
Detecting range (m³/h)	3.0-80	12-360	20-600	40-1200	80-2400
Connector	G1 1/2	Female flange			
Temperature compensation	Yes				
Pressure compensation	Yes				
Accuracy class	1.5				
Max working pressure	200kPa				
Temperature	-20℃ to 50℃				
humidity	≤99%				
CH4 measurement	Measurement range 40-100%vol, accuracy +/-5%FS				
Power supply	External power supply: Ui = 5V, LI=300mA (main power); internal battery: 3.6				
Signal output	RS485				
Ex-proof class	ExibIIAT4 Gb				
Protection class	IP65				

III. Applications

- ❑ Landfill

- ❑ Sewage treatment
- ❑ Anaerobic digestion
- ❑ CDM projects
- ❑ Medium and large size biogas power plant