



Turbine Flow Meter

GTF600

DESCRIPTION

GTF600 turbine flowmeter is a kind of speed meter, it has high precision, good repeatability, simple structure, high pressure resistance, and wide measurement range, small volume, light weight, small pressure loss, long service life, simple operation, easy maintenance, etc.

APPLICATION

It is mainly used to measure the volume flow and accumulation of low viscosity, non - corrosive and clean liquid in closed pipelines. Like tap water, demineralized water, deionized water, alcohol, kerosene, gasoline, etc.

OPERATING PRINCIPLE

When the measured liquid flows through the flow rate, under the pressure of the fluid, the impeller forces rotation, and its rotational speed is proportional to the average velocity of the pipe. Cycle of impeller rotation will change the magnetic resistance of magnetic circuit, detecting coil in the magnetic flux subsequently cyclical changes, with the same frequency blade rotation frequency induction electromotive force, after amplification, transformation and processing, display on the instrument screen.

FEATURES

- The converter adopts the advanced ultra-low power PIC MCU as the core development, is the display integrative integration of the new intelligent instrument.
- The converter has multi-point correction function and multiple output signals can be selected
- The converter has the characteristics of compact structure, clear and clear reading, high reliability, no interference from outside power, lightning strike, price economy and powerful function.
- High definition liquid crystal display display single flow and cumulative flow





TECHNICAL PARAMETER

| Type | GTF600-25 | GTF600-40 |
|---------------|-----------------|-----------------|
| Pipe material | Aluminum alloy | Aluminum alloy |
| Diameter | 1 inch | 1.5 inch |
| Flow range | 10~120L/min | 20~280L/min |
| Accuracy | ±1% | ±1% |
| Repeatability | ±0.5% | ±0.5% |
| Medium | diesel、gasoline | diesel、gasoline |
| Connection | thread | thread |
| Pressure | 0.5MPa | 0.5MPa |