

Measurement Unlimited by The Imagination.

Ultrasonic Flowmeter
UFL-30



intelligent
DIGITAL



Features

1. Multi-path System

Up to 4-path system is achievable for stable measurement on the even short-pipe run.

2. Multi-output Ports

2 Analog / 4 Contact output

3. 2 digital output

1port can be selectable for MODBUS protocol.

4. Easy Configuration

Menu driven 4-keys input / Graphical PC Configuration

5. Data Acquisition software (Online-LOG) available

PC software shows graphical trend as standard.

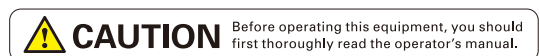
6. Off-line configuration available

PC software can be input all parameters without connection to main unit.

Specifications

| | | |
|-------------|---|--|
| Measurement | Method | Ultrasonic pulse transit time difference method |
| | Diameter Range | DN 25mm ~ 6000mm |
| | Accuracy | ±1.0% R.D. (V > 0.8m/s at DN ≥ 300mm) (V > 2m/s at DN ≤ 250mm) |
| | Repeatability | ±0.5% |
| | Multi - path Measurement | 4 - path (Max.) |
| Output | Analog output | 2ports (Std.) / 2range output / Allowable load resistance 1kΩ Max |
| | Relay output | 4ports (Std.) / Totalizing signals & Alarms |
| | Digital output | 2ports (Std.) One - way / Inter - communication mode & Modbus (RS232C) |
| Main Unit | Protection Degree | IEC 60529 IP65 |
| Transducer | Temperature Range | -20°C ~ 65°C |
| | Environmental Class | IEC 60529 IP67 (Option; IP68) |
| | Cable Length | 300m Max. (Between Main Unit and Transducers) |
| Function | Self - diagnostics & failure processing | Automatic Gain Adjustment (AGA function) |
| | Disturbance detection | Automatic Gain Control (AGC function) |
| | No echo receiving warning | Preset totalize start |
| | Full scale warning | Data retention |
| | Over range warning | Path fixing |
| | Low flow cut | Forward / Backward flow change processing |
| | Zero shift | Basic data display |
| | Span compensation | Error historic counter |
| | Filtering (Smoothing) | Mass indication |
| | Fixed analog output | Metric & English unit |

Design and specifications are subject to change without prior notice, and without any obligation on the part of the manufacturer.



TOKYO
KEIKI

TOKYO KEIKI INC.

Measurement Systems Company

Head Office

2-16-46, Minami-Kamata, Ohta-ku, Tokyo 144-8551 JAPAN TEL. +81-3-3737-8664 FAX. +81-3-3737-8665

www.tokyo-keiki.co.jp/ryutai/