TOKYO KEIKI

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
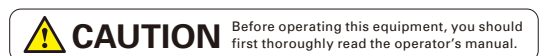PC software shows graphical trend as standard.

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 Disturbance detection No echo receiving warning Full scale warning Over range warning Low flow cut Zero shift Span compensation Filtering (Smoothing) Fixed analog output	Automatic Gain Adjustment (AGA function) Automatic Gain Control (AGC function) Preset totalize start Data retention Path fixing Forward / Backward flow change processing Basic data display Error historic counter Mass indication Metric & English unit

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

⚠ **CAUTION** Before operating this equipment, you should first thoroughly read the operator's manual.

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www.tokyokeiki.jp/products/ryutai/

Measurement Systems Company