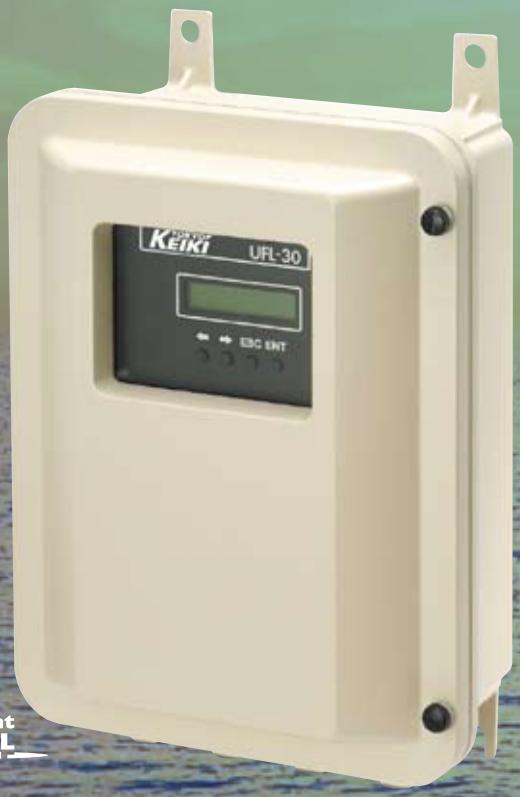
TOKYO KEIKI

Measurement Unlimited by The Imagination.

Ultrasonic Flowmeter

UFL-30



intelligent DIGITAL

TOKYO KEIKI is the First Manufacture of ULTRASONIC FLOWMETER among the WORLD since 1963.

TOKYO KEIKI INC.

Ultrasonic Flowmeter

UFL-30

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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

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

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