





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.

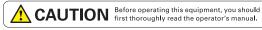
7. Logging

Support the Measurements are logging and Setting change logging.

Specifications

Measurement	Method	Ultrasonic pulse transit time difference method	
	Diameter Range	DN 25mm ~ 6000mm	
	Accuracy	$\pm 1.0\%$ R.D. (V > 0.8 m/s at DN ≥ 300 mm)	
		$(V > 2m/s at DN \le 250mm)$	
	Repeatability	±0.3%	
	Multi - path Measurement	4 - path (Max.)	
Output	Analog output	2ports (Std.) / 2range output / Allowable load resistance 1k Ω 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 IP66	
Transducer	Temperature Range	−25 °C ~ 65°C	
	Environmental Class	IEC 60529 IP67 (Option; IP68)	
	Cable Length	300m Max. (Between Main Unit and Transducers)	
Logging	Measurement logging	Date, Time, Flow rate, Warning, Direction status, ETC	
		(1 year storage in 10-minute intervals)	
	Setting change logging	Date, Time, Name and Value of changed parameter, ETC (1,000 Parameters)	
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
Certified	EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU,		
	RoHS Directive RoHS2((2011/65/EU)+(EU)2015/863), KS C 9811, 9610-4-2~8, 11		

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





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Measurement Systems Company