



Features

- Measuring range : 2 m/s ; 10 m/s; 20 m/s ; 40 m/s; 60 m/s
- Output : 4~20 mA / 0~10VDC (pulse with display)
- High stability and repeatability.
- Applicable for volume flow measuring.
- Panel Mounting display, easy to install.
- Bearable pressure for probe 10 bar max.

Applications

- Monitoring for industrial processing.
- Environmental monitoring for building / factor / clean room / Lab / weather station
- Measuring in hospital / pharmaceutical industry / textile industry.



Technical Specification

INPUT

Measuring range : 2 m/s ; 10 m/s; 20 m/s ; 40 m/s; 60 m/s

OUTPUT

Output : 4~20 mA / 0~10 VDC ; 3-wire

Linear accuracy* : $\pm 3\%$ of F.S. +0.2m/s

Working range : 6% ~ 100% of F.S.

Display type : OLED Rate and total display

Display range : upon request, one decimal place

Load resistance : $\leq 500\Omega$ (for mA output)

Load resistance : 10K Ω (for V output)

Response time : reach 90% of ultimate value within 3s.

ENVIRONMENT

Media measured : air

Media temperature : 0~90°C

Working temperature : 0~50°C

Working humidity : non-cond.

Storage temperature : -20~60°C

Working Pressure : 10 bar max.

ELECTRICAL REGULATION

Power supply : 24 VDC $\pm 10\%$

Current consumption : 200 mA

Overvoltage protection : < 33VDC

Electrical connection : 3P connector / M12 connector

Way to fix : 1/2 PT outside thread

Protection degree : IP 65

Electrical protection : over-voltage ■ polarity

Certification : CE

Housing : PC fire-proof

Probe / Probe's head : SUS304 / SUS316

Cable : PTFE (FATS.GK)

Option : SUS Fitting thread / SUS Flange type

Weight : FATS.TR:332g FATS.GK: 840g

*at 25°C 1013 mbar

Ordering

FATS.			Description
Function	TA		4...20 mA output, No display
	TV		0...10 VDC output, No display
	GK		4...20 mA and pulse output with rate and total display
Size		S	DN40...DN200
		M	DN250...DN500
		L	DN600...DN1000
Velocity Range		02	0...2 m/sec
		10	0...10 m/sec
		20	0...20 m/sec
		40	0...40 m/sec
		60	0...60 m/sec

