



## 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

<b>INPUT</b>		<b>ELECTRICAL REGULATION</b>	
Measuring range	: 2 m/s ; 10 m/s; 20 m/s ; 40 m/s; 60 m/s	Power supply	: 24 VDC $\pm$ 10%
<b>OUTPUT</b>		Current consumption	: 200 mA
Output	: 4~20 mA / 0~10 VDC ; 3-wire	Overvoltage protection	: < 33VDC
Linear accuracy*	: $\pm$ 3 % of F.S. +0.2m/s	Electrical connection	: 3P connector / M12 connector
Working range	: 6% ~ 100% of F.S.	Way to fix	: 1/2 PT outside thread
Display type	: OLED Rate and total display	Protection degree	: IP 65
Display range	: upon request, one decimal place	Electrical protection	: over-voltage ■ polarity
Load resistance	: $\leq$ 500 $\Omega$ (for mA output)	Certification	: CE
Load resistance	: 10K $\Omega$ (for V output)	Housing	: PC fire-proof
Response time	: reach 90% of ultimate value within 3s.	Probe / Probe's head	: SUS304 / SUS316
<b>ENVIRONMENT</b>		Cable	: PTFE (FATS.GK)
Media measured	: air	Option	: SUS Fitting thread / SUS Flange type
Media temperature	: 0~90°C	Weight	: FATS.TR:332g FATS.GK: 840g
Working temperature	: 0~50°C		
Working humidity	: non-cond.		
Storage temperature	: -20~60°C		
Working Pressure	: 10 bar max.		

\*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

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