



Vortex Flow Monitor Eggs DELTA II

Presenting the all-new Egg!

The Eggs DELTA, well-received in monitoring cleaning process, coolant process, and factory air usage, has evolved.



- Easy-to-view display with orange background.
- Intuitive instantaneous flow indication with an analog display.
- Large unit display.
- Compact design with reduced height.
- Capable of fixed conversion to Normal/Standard conditions by setting temperature and pressure.

GENERAL SPECIFICATIONS

Item	Description			
Nominal Diameter	4mm	8mm	15mm	25mm
Flow Range (L/min)	Water	0.4 to 4	1.1 to 15	2.8 to 45
	Air	7.2 to 17	18 to 90	55 to 283
Connection	R male (resin), NPT male (resign), Rc female (metal)			
Construction	Indoor (non-explosionproof)			
Accuracy	Liquid: ±2% of full scale Gas: ±3% of full scale			
Maximum Operating Pressure	0.98MPa			
Fluid Temperature	-10 to +80°C			
Ambient Temperature	-10 to +60°C			
Major Parts Material	Body, sensor: PPS resin (polyphenylene sulfide) Transmitter case: Polycarbonate			
LCD Display	<ul style="list-style-type: none"> Flowrate: 7-segment, 8 digits Unit: 16-segment, 3 digits Battery indicator Flow indicator (10-segment) Information indicator Background color: Orange <ul style="list-style-type: none"> ① Accumulated total flow: 8 digits ② Hourly instantaneous flowrate [b1]: 5 digits ③ Per-minute instantaneous flowrate [b2]: 5 digits ④ Resettable total flow [C]: 7 digits ⑤ Measured fluid pressure setting ⑥ Measured fluid temperature setting <ul style="list-style-type: none"> Every time MODE button is pressed, the LCD displays items ① to ④ in order. For [Temperature/Pressure compensation] model, items ⑤ and ⑥ will be displayed in addition to ① to ④. 			
Power Source	Battery Powered	Battery unit (dedicated lithium battery) Battery life: Approximately 6 years (at room temperature)		
	Externally Powered	Power source: 12 to 45VDC		
External Output	Battery Powered	Local display only	No output	
	Externally Powered (※1)	Analog output	4-20mA at 0-F.S. (Analog adjustment is available by using front buttons)	
		Alarm output	Open drain output (open collector equivalent) Allowable current: 20mA, Maximum applied voltage: 30V · Alarm output status is displayed on LCD. · Status (switching ON/OFF) and set values of high/low alarm output are configurable by using front buttons.	
		Pulse output	Open drain output (open collector equivalent) Allowable current: 20mA, Maximum applied voltage: 30V Pulse width (Factored pulse): 30ms	
Installation location	① Free from rain and water ② Minimal temperature variation ③ No exposure to direct sunlight (equivalent to IP53)			

※1: Simultaneous output of analog and another (alarm or pulse) output is available.

PRODUCT CODE EXPLANATION

ITEM	PRODUCT CODE										DESCRIPTION
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	
Model	F	L	M								Eggs DELTA II
Fluid Category				2							Liquid
				3							Gas
Nominal Diameter				S							4mm
				0							8mm
				1							15mm
				2							25mm
Display										1	LCD display provided
										0	No output (battery-powered)
Output										1	Factored pulse output
										2	Analog output
										4	High/low alarm output
										5	Factored pulse output + high/low alarm output
										7	Analog output + factored pulse output + high/low alarm output
Process Connection										P	R male thread Material: PPS
										N	NPT male thread Material: PPS
										S	Rc female thread Material: SCS14A
Version										D	Always "D"
Characteristic Code										0	None
										N	Normal conversion
										S	Standard conversion
										Z	Other temperature/pressure compensation

OUTSIDE DIMENSIONS

● R/NPT thread Unit: mm

Nominal diameter (mm)	φD	Thread nominal diameter	L	W	H1	H2
4	8.5	R3/8	80	32	29	86.2
8	13	R1/2	80	32	29	86.2
15	14	R3/4	85	32	29	86.2
25	24.5	R1-1/4	120	46	46	103.2

● Metal connection

Nominal diameter (mm)	φD	Thread nominal diameter	L	W	H1	H2
4	8.5	Rc1/4	91	50	29	86.2
8	10.7	Rc1/4	91	50	29	86.2
15	14	Rc1/2	91	50	29	86.2
25	24.5	Rc1	126	46	46	103.2

The specification as of February, 2022 is stated in this catalog. Specifications and design are subject to change without notice.