



Vortex Flow Monitor Eggs DELTA II

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

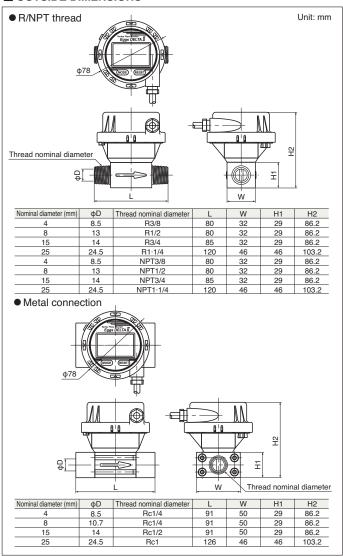
Item		Description										
Nominal Diameter		4mm		8mm	15mm		25mm					
Flow Range	Water	0.4 to	4	1.1 to 15	2.8 to 45		8.3 to 133					
(L/min)	Air	7.2 to 1	7	18 to 90	55 to 283		167 to 850					
Connection		R male (resin), NPT male (resign), Rc female (metal)										
Construction		Indoor (non-explosionproof)										
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		Flowrate: 7-segmen Unit: 16-segment, 3 Battery indicator Flow indicator (10-segment) Information indicator Background color: C	digits egment)	Accumulated total flow: 8 digits Hourly instantaneous flowrate [b1]: 5 digits Per-minute instantaneous flowrate [b2]: 5 digits Resettable total flow [C]: 7 digits Measured fluid pressure setting) Measured fluid temperature setting)		Every time MODE button is pressed, the LCD displays items to ① in order. For [Temperature/Pressure compensation] model, items ③ 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)										
Power Source	Externally Powered	Power source: 12 to 45VDC										
External Output	Battery Powered	Local display only	No output									
		Analog output	4-20mA at 0-F.S. (Analog adjustment is available by using front buttons)									
	Externally		Open drain outp	ut (open collector equivalent) Allowable cu	en collector equivalent) Allowable current: 20mA, Maximum applied voltage: 30V							
	Powered	Alarm output	Alarm output status is displayed on LCD.									
	(*1)	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							DECODIDATION		
1 2 3 4	5 -	6	7	7 8 9		10	DESCRIPTION		
Model F L M		\Box					Eggs DELTA II		
Fluid Category 2 3						Liquid			
							Gas		
S							4mm		
Nominal	0						8mm		
Diameter 1 2							15mm		
							25mm		
Display 1							LCD display provided		
0							No output (battery-powered)		
0utput 4 5							Factored pulse output		
							Analog output		
							High/low alarm output		
							Factored pulse output + high/low alarm output		
7							Analog output + factored pulse output +		
							high/low alarm output		
P Process Connection N S							R male thread Material: PPS		
							NPT male thread Material: PPS		
							Rc female thread Material: SCS14A		
Version D							Always "D"		
0							None		
Characteristic Code S Z						Ν	Normal conversion		
						S	Standard conversion		
						Z	Other temperature/pressure compensation		

■ OUTSIDE DIMENSIONS



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



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