

Ultraminiature Plastic Flowmeter Size 38

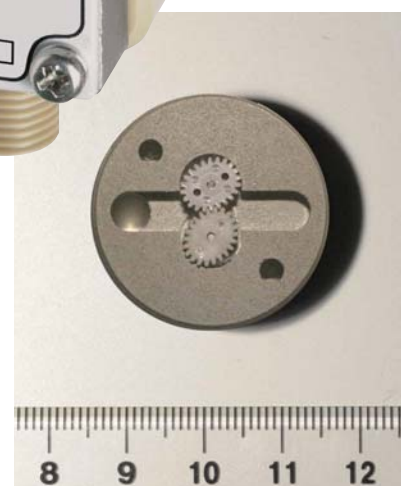
World's smallest and inexpensive



Flow measurement in extremely low flow range formerly could only be handled by much larger and more expensive meters. Our precisely miniaturized flow sensor now does this job positively with stability, making it ideal for fuel cell R & D in experimental laboratories or for flow measurement in agent and additive dosing lines.

◆ Features

- A compactly built flow sensor with built-in pulse generator.
- Measures water flow from 1.5mL/min.
- Miniaturized: Fits in a small space available in a machine or equipment in general.
- Simple construction, sturdy and competitively priced.

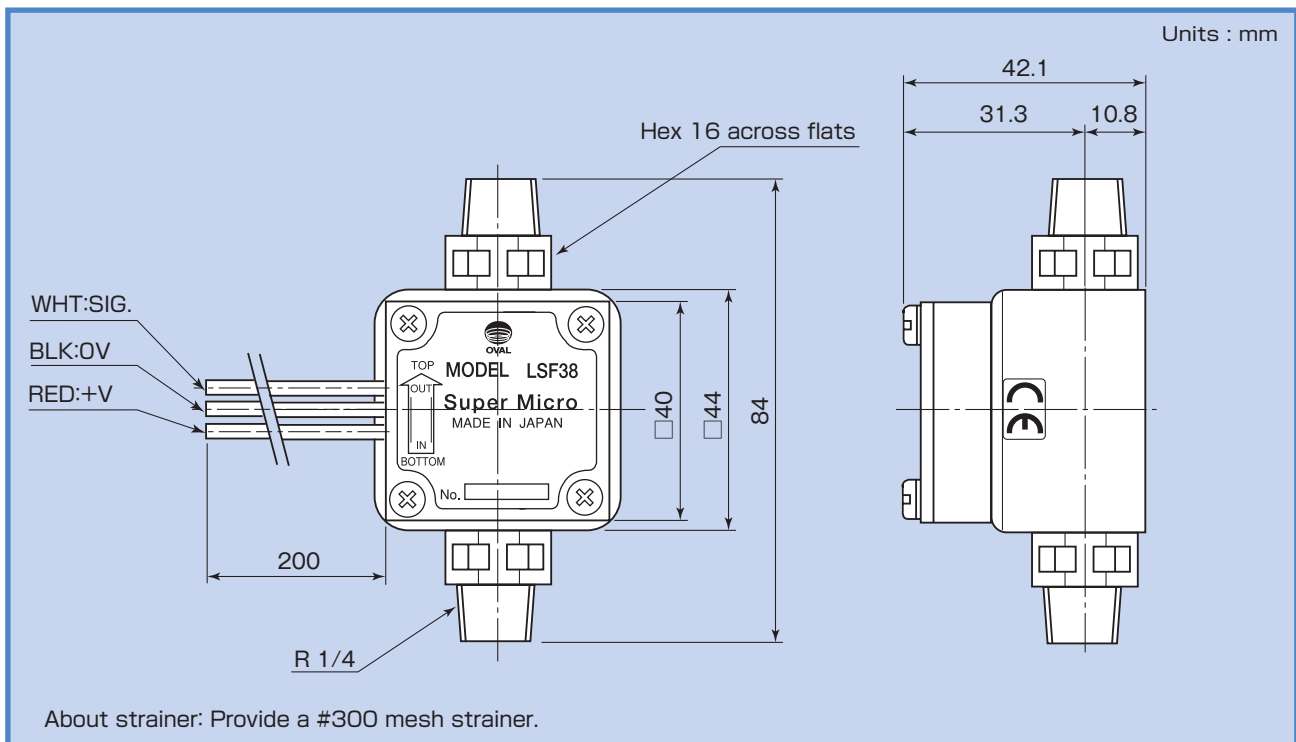


GENERAL SPECIFICATIONS

Item		Description		
Component parts	Register	Rotor	PEEK resin	
		Outer case		
		Front lid		
		Inner case		
		Embedded magnet		Pt-Co
		Wet contacted packing		NBR
	Generator	MR sensor	Ceramics	
Environmental	Max. operating pressure		0.3MPa	
	Operating temperature		-10 to +60°C	
	Size and process connection		Rc 1/4 external thread	
	Flow direction		Bottom → top	
	Acceptable liquid		Water, chemical liquid, etc.	
Performance	Accuracy	Water (※1)	3 to 50 mL/min ±3% RD 1.5 to less than 3 mL/min ±10% RD	
	Meter factor		0.055 mL/P	
	Power		12 to 24 VDC ±10%	
Pulse generator	Output signal		Unfactored voltage pulse OFF: 1VDC max. ON: Power voltage - 2VDC min.	

※1. For applications other than water, consult the factory.

OUTLINE DIMENSIONS



*The specification as of September, 2008 is stated in this catalog. Specifications and design are subject to change without notice.



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