



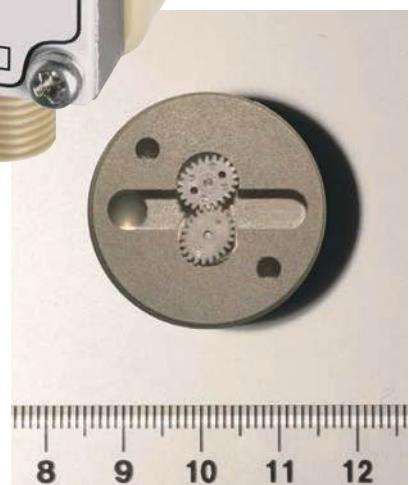
Ultraminiature Plastic Flowmeter Size 38



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.

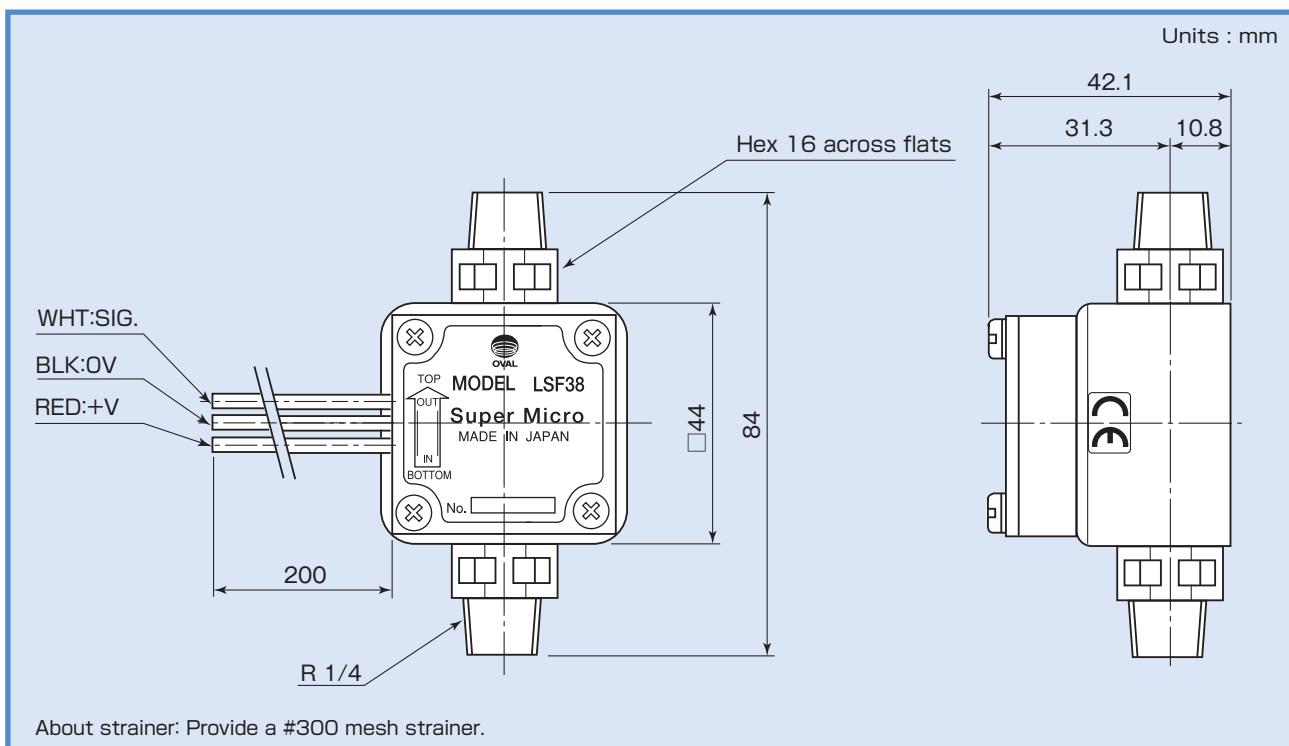


GENERAL SPECIFICATIONS

Item		Description	
Component parts	Register	Rotor	PEEK resin
		Outer case	
		Front lid	
		Inner case	
		Embedded magnet	Pt-Co
		Wet contacted packing	NBR
		Shafts	Ceramics
Generator	MR sensor	Alternating magnetic fields with a MR element (voltage pulse)	
Environmental	Max. operating pressure		0.3MPa
	Operating temperature		-10 to +60°C
	Size and process connection		Rc1/4 external thread
	Flow direction		Bottom → top
Acceptable liquid		Water, chemical liquid, etc.	
Performance	Accuracy	Water (※1)	0.09 to less than 0.18L/h ±10% RD 0.18 to 3L/h ±3% 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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