

Standard Specifications (Contact Alicat for available options.)

Performance	L Meters
Available Ranges	0.5 ccm to 10 lpm
Accuracy at calibration conditions after tare	± 2% Full Scale
Repeatability	± 2% Full Scale
Zero Shift and Span Shift	0.02% Full Scale / °Celsius / Atm
Operating Range / Turndown Ratio	2% to 100% Full Scale / 50:1 Turndown
Maximum Flow Rate	128% FS Measurable
Typical Response Time	20 ms (Adjustable)
Warm-up Time	< 1 Second

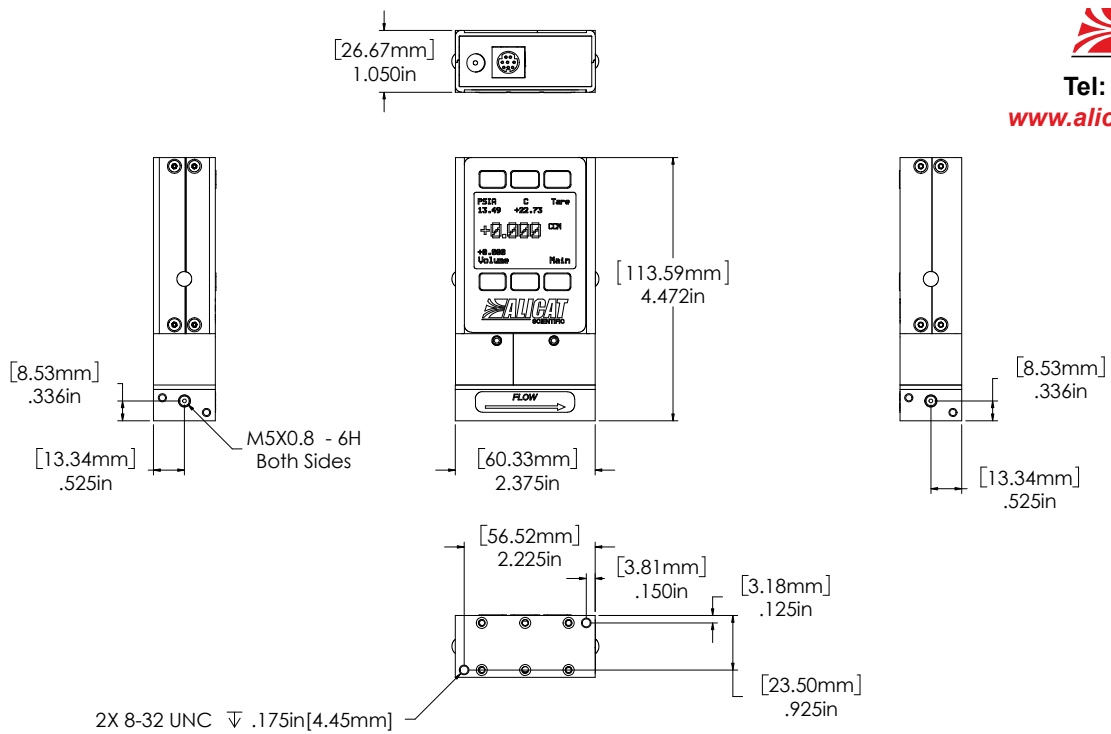
Operating Conditions	L Meters
Operating Temperature	Non-Freezing -10° to +60 °Celsius
Maximum Internal Pressure	100 psig
Proof Pressure	200 psig
Mounting Attitude Sensitivity	None
Ingress Protection	IP40
Wetted Materials	302 & 303 Stainless Steel, 316L Stainless Steel, Viton®. If your application demands a different material, please contact Alicat.

Communication / Power	L Meters
Monochrome LCD or Color TFT Display with integrated touchpad	Simultaneously displays Flow, Temperature and Pressure
Digital Output Signal ¹ Options	RS-232 Serial / RS-485 Serial / Modbus / PROFIBUS ³
Analog Output Signal ² Options	0-5 Vdc / 1-5 Vdc / 0-10 Vdc / 4-20 mA
Optional Secondary Analog Output Signal ²	0-5 Vdc / 1-5 Vdc / 0-10 Vdc / 4-20 mA
Electrical Connection Options	8 Pin Mini-DIN / 9-pin D-sub (DB9) / 15-pin D-sub (DB15) / 6 pin locking
Supply Voltage	7-30 Vdc (15-30 Vdc for 4-20 mA outputs)
Supply Current	0.040 Amp
1. The Digital Output Signal communicates Flow and Temperature (optional Pressure sensor available) 2. The Analog Output Signal and Optional Secondary Analog Output Signal communicate your choice of Flow or Temperature 3. If selecting PROFIBUS , no analog signal is available. PROFIBUS units do not have the display. See PROFIBUS specifications for PROFIBUS supply voltages and currents. (www.alicat.com/profibus)	

Range Specific Specifications

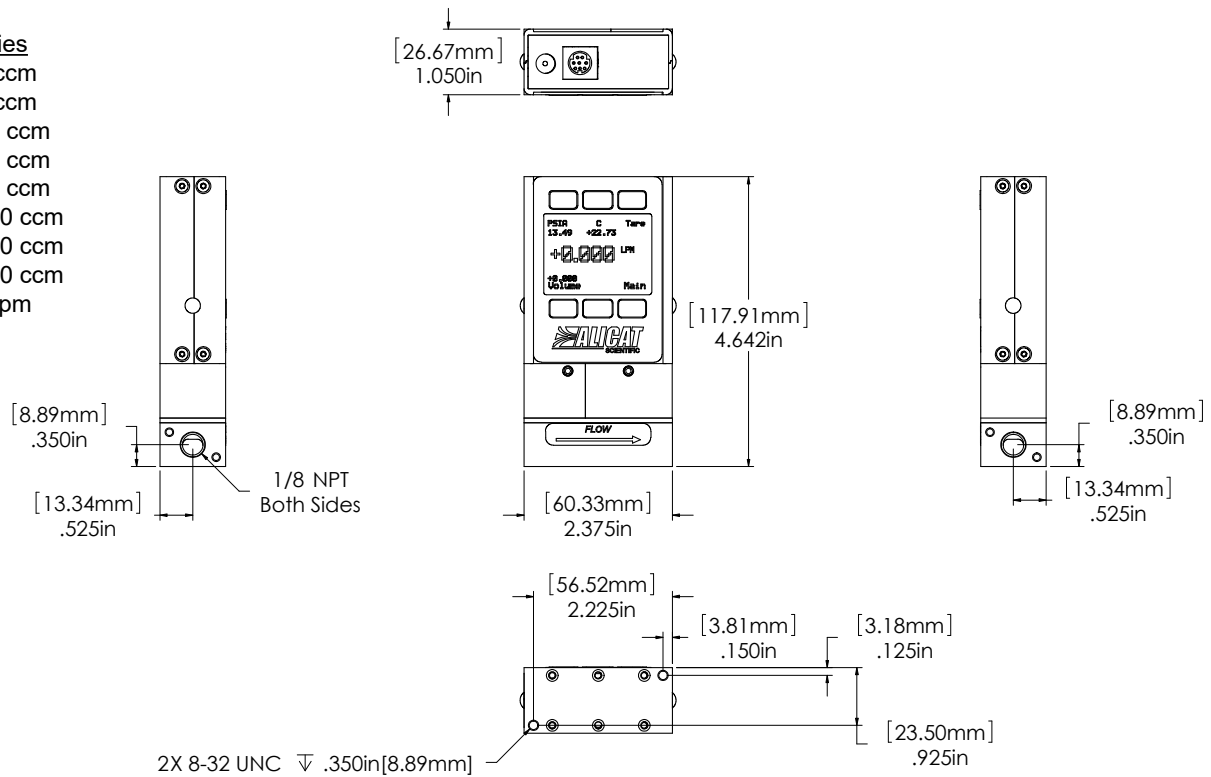
L Meters Full Scale Flow	Pressure Drop ¹ at FS Flow (PSID)	Mechanical Dimensions ²	Process Connections ³
0.5 ccm to 1 ccm	2.0	4.5"H x 2.4"W x 1.1"D	M5 (10-32) Female Thread⁴
2 ccm to 500 ccm	2.0	4.8"H x 2.4"W x 1.1"D	1/8" NPT Female
1 lpm	4.0		
2 lpm	4.0	4.7"H x 2.7"W x 1.1"D	1/4" NPT Female
5 lpm	10.0	5.2"H x 4.0"W x 1.6"D	1/4" NPT Female
10 lpm	20.0		
1. Lower Pressure Drops Available, please contact Alicat. 2. See drawings for metric equivalents. 3. Compatible with Swagelok® tube, Parker®, face seal, push connect and compression adapter fittings. VCR and SAE connections upon request. 4. Shipped with M-5 (10-32) Male Buna-N O-ring face seal to 1/8" Female NPT fittings.			

L-Series
 0 - 0.5 ccm
 0 - 1 ccm



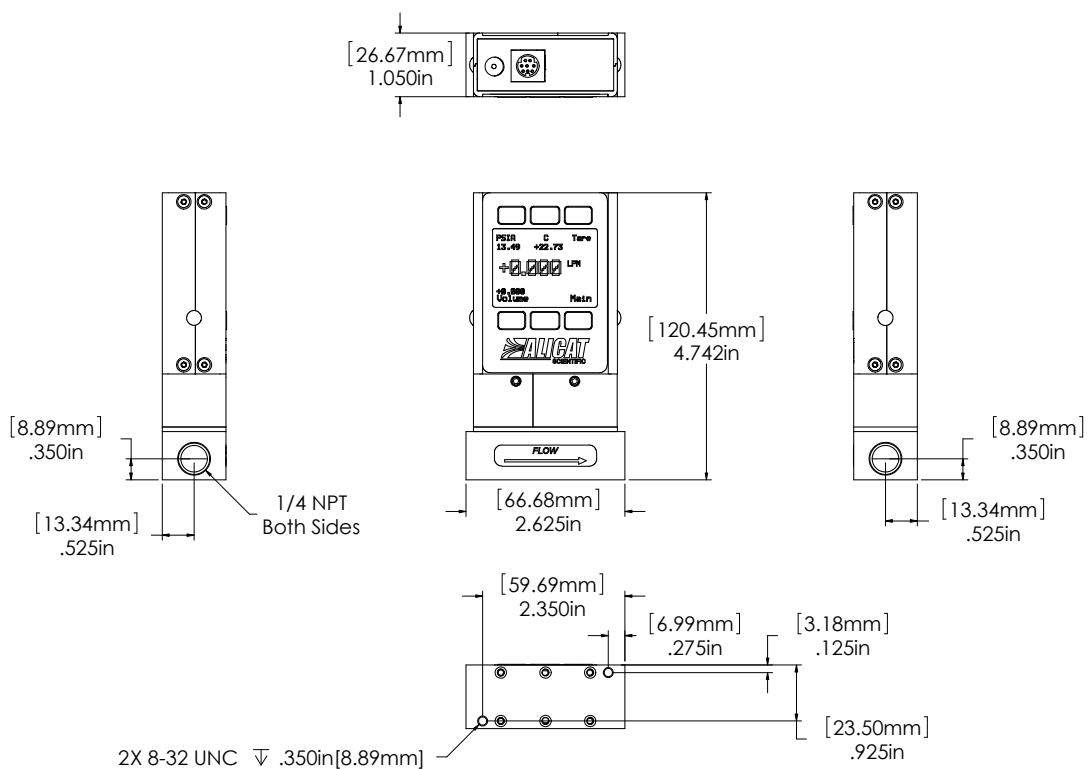
0.5 ccm to 1 ccm approximate shipping weight: 0.8lb

L-Series
 0 - 2 ccm
 0 - 5 ccm
 0 - 10 ccm
 0 - 20 ccm
 0 - 50 ccm
 0 - 100 ccm
 0 - 200 ccm
 0 - 500 ccm
 0 - 1 lpm



2 ccm to 1 lpm approximate shipping weight: 1.0 lb

L-Series
 0 - 2 lpm

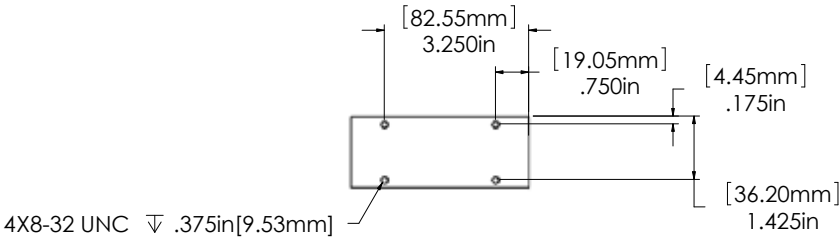
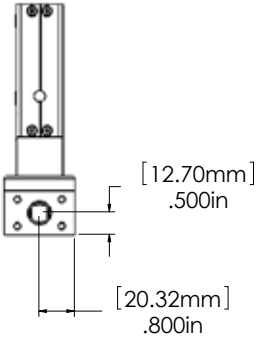
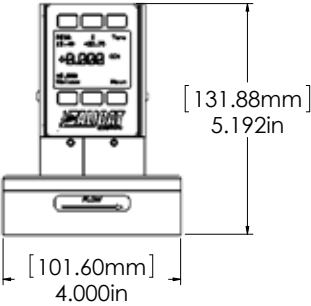
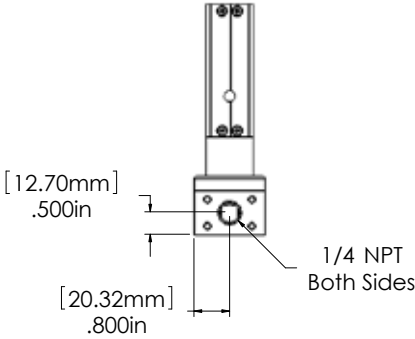
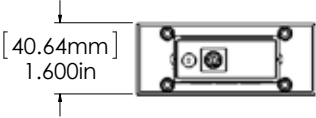


2 lpm approximate shipping weight: 1.4 lb

L-Series

0 - 5 lpm

0 -10 lpm



5 lpm to 10 slpm approximate shipping weight: 2.4 lb.