



LPL 3/8"S



Features

- Safety Housed VA Flowmeter
- In-Line connections
- Standard Scales for Air, Water and common gases.
- Custom scales for alternative liquids and gases.
- Robust aluminium housing
- Adjustable alarm option.
- 2 Wire, 4 - 20mA transmitter option
- In Line needle valve accessory available

Specification

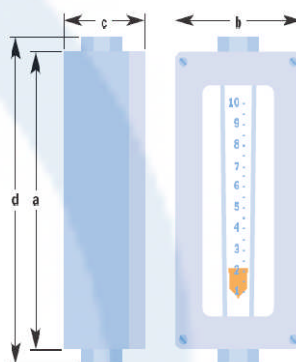
- Gas Ranges** 5cc/min to 100 l/min (Air equiv)
- Liquid Ranges** 1cc/min to 4.4 l/min (H2O equiv)
- Scale Length** 100mm
- Accuracy** Class 2.5 VDI/VDE
- Temp Range** -15 to 120oC
- Pressure** 20 Barg max - non shock
- Pressure Drop** Gases 6 mBar max Liquids 25 mBar max
- Connections** 3/8" BSPF In-Line
- Seals** Viton
- Tube** Borosilicate Glass
- Float** St. Steel Anodised Aluminium or Acetal

LPL 3/8"S, a flow meter for applications where a rugged instrument is required. Provided with a rugged aluminium case this meter can be mount unsupported in pipework. With the addition of either an alarm output or 4 - 20 mA transmitter this flow meter will interface with your control functions.

Model

LPL 3/8"S - Flow Range

Standard Glass Tubes - 100mm Scale



mm	3/8" RH
a	175
b	80
c	56
d	210

	Water	Air	Argon	Butane	Carbon Dioxide	Carbon Monoxide	Cracked Ammonia	Helium	Hydrogen	Methane	Nitrogen	Oxygen	Propane
cc/min	1-10												
	2-25	5-100	5-80	20-130	10-100	10-100	10-120	5-100	20-250	10-150	5-100	5-90	10-140
	4-60	20-250	20-200	50-290	20-250	20-270	30-360	20-280	40-600	40-360	20-250	20-220	40-300
	20-280	60-600											
	40-480	50-750	40-660	100-800	50-750	50-800		50-800			50-800	50-700	100-850
L/min	0.1-1.5								0.1-1.2	0.1-1.1			
	0.3-3	0.1-1.2	0.1-1	0.1-1.1	0.1-1.1	0.1-1.2	0.1-1.8	0.1-1.8	0.2-3.4	0.1-1.7	0.1-1.2	0.1-1.1	0.1-1.2
	0.4-4.4	0.2-2	0.2-1.7	0.4-2	0.2-1.8	0.2-2	0.3-3	0.2-3	0.4-5.6	0.4-2.8	0.2-2	0.2-1.8	0.3-2.2
		0.3-3	0.2-2.6		0.3-2.8	0.2-3		0.4-5	0.5-10	0.4-4.4	0.3-3	0.4-2.8	0.4-3.1
		0.6-5	0.4-4	0.8-4	0.6-4.4	0.6-5	1-8	0.5-9	1-15	1-7	0.6-5	0.4-4.4	0.8-4.8
		1-10	1-8					2-20					
		1-13	1-11	1-10	1-11	1-12	2-22	1-28	2-46	1-18	1-13	1-12	1-11
		2-26	2-22		2-20	2-26	4-48	2-60	5-95	2-36	2-27	2-25	2-22
		4-50	4-44		4-40		10-90	5-120	10-180	5-70	4-50	4-50	4-40
		10-100	10-90		10-80		20-180	20-270	40-400	15-140	10-100	10-100	10-85

Calibrations Stated at 20oC and 760mm Hg