

## ELC PURGE FLOW METER

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ELC DATASHEET



A new alternative for monitoring air and water purge flows or low flows of liquids or gases.

Based on the popular ELF model design.

### APPLICATIONS

- Water and air purging
- Bubble tube level or density measurement
- Pressurized instrument enclosures
- Flow measurement

### FEATURES

- Clear easy to read scale
- Available in selection of flow ranges
- Backout proof adjustment valve can be on inlet or outlet
- North American standard size parts

ELC PURGE FLOW METER

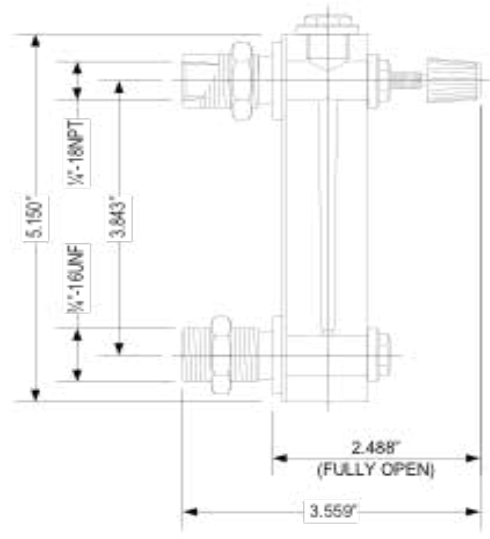
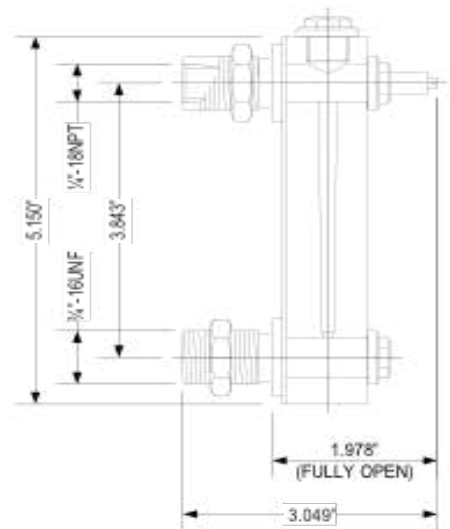
### SPECIFICATIONS

MODEL	ELC-A
BODY MATERIAL	ACRYLIC
Valve assembly	POM
O-ring seals	Nitrile (Viton® optional)
Maximum pressure	145 psi 68°F (20°C)
Maximum temperature	122°F / 50°C @ 30 psi
Fittings	Delrin® (PVC optional)
Connections	1/4" NPT
Weight	0.26 lb (0.12 kg)
Build options	A selection of flow ranges, backout proof flow adjustment valve on inlet or outlet, O-ring material, custom scales and calibration

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09/2018

<b>FLOW METER</b>	<b>ELC</b>	-	<b>A</b>					
<b>BODY MATERIAL</b>	Acrylic							
<b>FLOW RANGE</b>	<b>WATER</b>				<b>AIR</b>			
	<b>GPH</b>	<b>LPM</b>	<b>SCFH</b>	<b>NLPM</b>				
	0.35	0.02	2.5	1.3	<b>A</b>			
	0.6	0.04	3.5	1.8	<b>B</b>			
	1	0.06	5.5	2.6	<b>C</b>			
	1.5	0.1	8.5	4	<b>D</b>			
	2.2	0.14	14	6	<b>E</b>			
	4	0.25	18	9	<b>F</b>			
	6	0.4	28	12	<b>G</b>			
	9	0.55	40	18	<b>H</b>			
	12	0.8	60	30	<b>I</b>			
	20	1.2	100	45	<b>J</b>			
	40	2.5	120	60	<b>K</b>			
<b>SCALE</b>	Water GPH				<b>1</b>			
	Air SCFH (14.7 psia @ 70°F)				<b>2</b>			
	Dual Scale GPH / SCFH				<b>3</b>			
	Water LPM				<b>4</b>			
	Air NLPM (101.3 kPa @ 20°C)				<b>5</b>			
	Dual scale LPM / NLPM				<b>6</b>			
	Percent scale 10-100%				<b>7</b>			
	Relative scale (1-10)				<b>R</b>			
<b>OPTIONS</b>	PVC fittings				<b>T</b>			
	Long body				<b>L</b>			



**HOW TO SPECIFY MODEL NUMBER, an EXAMPLE:**

**ELC** meter for water flow, with PVC fittings:

1. Select meter type **ELC** (acrylic tube is standard)
2. Specify flow range **H** up to 9 GPH water
3. Choose scale type **1** for water
4. Add build option **T** for PVC fittings

**ELC-A**  
**ELC-AH**  
**ELC-AH1**  
**ELC-AH1-T**

**SPECIAL ORDER CONSTRUCTION**

Custom scales and scale markings are available. For custom flow meters use order code ELC-X. A unique manufacturing number will be assigned at the time of production (eg. ELC-E8845) Contact us for details.



FLOW VALVE



FITTINGS



O-RINGS



CUSTOM SCALES