

Compact flow meter for measurement of small flows of liquids or gases.

Easy to change from one flow range to another by swapping out float and

APPLICATIONS

- Bubble tube level
- Density measurement
- Pressurized instrument enclosures
- Flow measurement

FEATURES

- Solid construction, reliable operation
- North American standard size parts
- Tube and o-ring material options
- Corrosion and heat resistance

SPECIFICATIONS

MODEL	ELF-A	ELF-T	ELF-G
BODY MATERIAL	ACRYLIC	TROGAMID®	GRILAMID®
Best for	Typical applications	Corrosion and freeze resistance	Heat resistance
Metallic parts	SS316	SS316	SS316
O-ring seals	Nitrile (optional Viton® or EPDM)	Nitrile (optional Viton® or EPDM)	Nitrile (optional Viton® or EPDM)
Maximum temperature	167°F / 75°C @ 290 PSI	158°F / 70°C	176°F / 80°C
Maximum pressure	440 PSI @ 85°F (30°C)	440 PSI @ 85°F (30°C)	440 PSI @ 85°F (30°C)
Connections	¼" NPT	¼" NPT	¼" NPT
Weight	0.75 lb (340 g)	0.60 lb (300 g)	0.60 lb (300 g)
Build options	Body material, o-ring material, handknob, calibration for non-standard liquids or gases		
Optional accessories	Pair any ELF meter with constant flow regulator model EFR3		

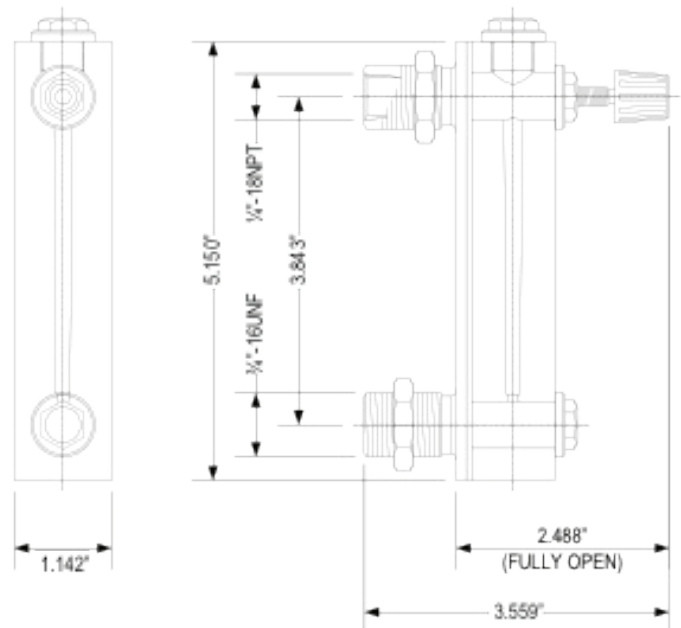
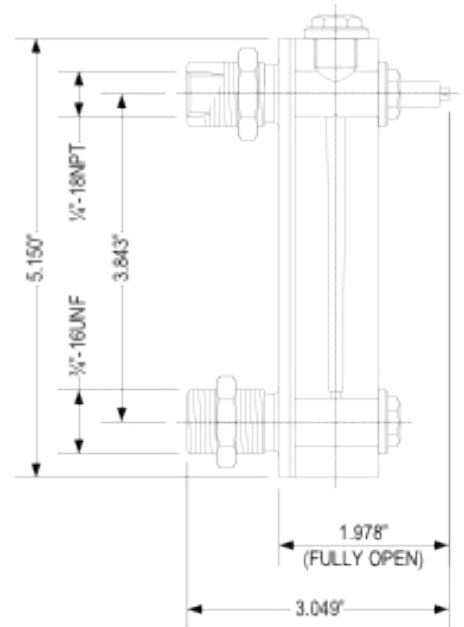


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ELF DATASHEET

ELF FLOW METER

Order Guide

ELF -										
BODY MATERIAL										
A	Acrylic									
G	Grilamid®									
T	Trogamid®									
FLOW RANGE										
	WATER				AIR					
	USGPH	LPM	SCFH	NLPM						
A	0.35	0.02	2.5	1.3						
B	0.6	0.04	3.5	1.8						
C	1.0	0.06	5.5	2.6						
D	1.5	0.1	8.5	4						
E	2.2	0.14	14	6						
F	4	0.25	18	9						
G	6	0.4	28	12						
H	9	0.55	40	18						
I	12	0.8	60	30						
J	20	1.2	100	45						
K	40	2.5	120	60						
SCALE										
1	Water USGPH									
2	Air SCFH (14.7psia @ 70°F)									
3	Dual scale USGPH and SCFH									
4	Water LPM									
5	Air NLPM (101.3kPa @ 20°C)									
6	Dual scale LPM and NLPM									
7	Percent scale 10-100%									
R	Relative scale 1-10									
X	Special scale									
OPTIONS										
C	Constant flow regulator									
H	Hand adjusting knob									
V	Viton® o-ring seals									
E	EPDM o-ring seals									
R	BSP (parallel) connection threads									



HOW TO SPECIFY THE MODEL NUMBER (eg. ELF-AH1-H)

1. Select body material (ELF-**A** for acrylic)
2. Select flowrange / scale (**H1** for water g USGPH)
3. Select options (**H** for handknob)

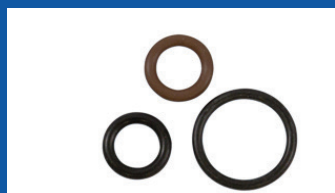
SPECIAL MATERIALS AND SCALES

Custom materials, scales and scale markings are available.

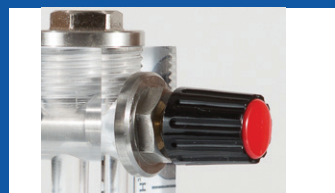
For custom flow meters use order code ELF-**X**. A unique manufacturing number will be assigned at the time of production (eg. ELF-**E9345**) Contact us for details.



BODY MATERIALS



O-RING SEALS



HAND KNOB



CONSTANT FLOW REGULATOR