

# NJECT – CHEMICAL INJECTION FLOW METER

Specifically Designed for Chemical Injection Applications in Onshore Oil Fields.



## TECHNICAL SPECIFICATIONS

### Measuring Accuracy

± 0.5%

### Repeatability

± 0.1%

### Duty Cycle

Works with standard injection pumps from 50 to 200 gallons/day

### Maximum Operating Pressure

Up to 2,500 psi (172 bar)\*

\*Consult factory for other pressures.

### Fluid Temperature Range

-40 to 175°F

### Resolution

100,000 pulses/gal

### Ports

1/4" female NPT

### Weight

3.9 lbs

### Filtration

120 microns, 120 mesh

## BENEFITS

### Assured Accuracy

Each flow meter is individually calibrated and shipped with a calibration certificate.

### Sealed Electronics

Completely sealed integral sensor keeps electronics safe from environmental forces.

### Economic Low Flow Meter

The meter produces good resolution and high accuracy at low flow rates, offering an affordable option for onshore chemical injection applications.

### Rugged Construction

The sturdy 316 stainless steel construction of this gear meter provides superior corrosion resistance and a longer service life.

### Fast Response Time

This meter can handle short pump shot times (<1 sec) and remain accurate.

## MATERIALS OF CONSTRUCTION

<b>Body</b>	316L Stainless Steel
<b>Gears</b>	Stainless Steel
<b>Bearing &amp; Shaft</b>	Tungsten Carbide
<b>O-Ring</b>	PTFE
<b>Bolts</b>	316 Stainless Steel
<b>Cable Gland</b>	Stainless Steel

## INTEGRAL SENSOR

### Supply Voltage

8 to 30 V DC, regulated

### Frequency Range

2 to 1,000 Hz

### Electrical Connection

Shielded 10-foot PVC cable with flying leads for easy hookup

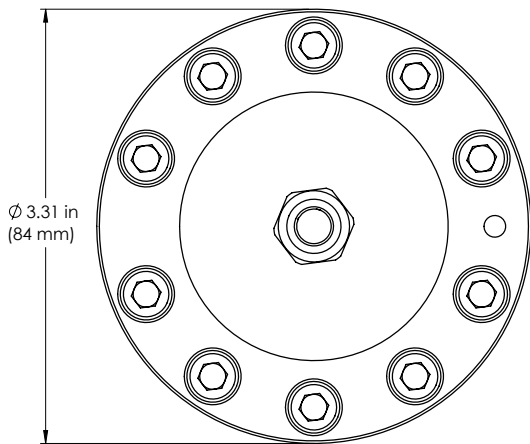
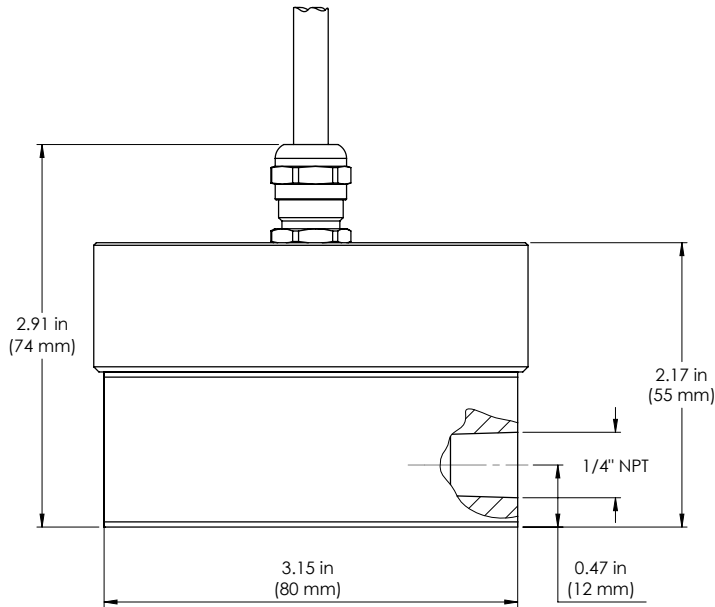
### Protection Class

IP 67

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## METER DIMENSIONS

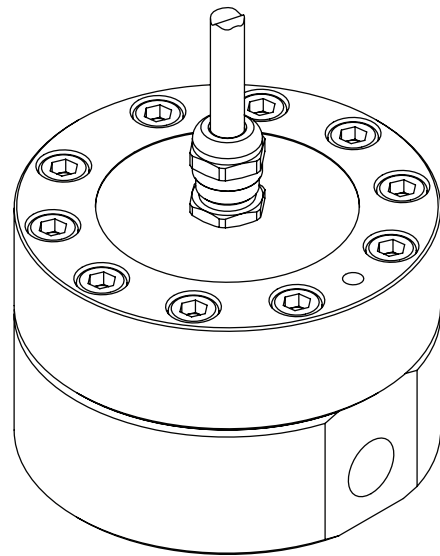


## DUTY CYCLE LOOKUP CHART SAMPLE

Minimum Instantaneous Flow Rate: 5 gal/day

Pump Speed: 100 gal/day

Dosing Rate (gal/day)	Duty Cycle	Run Time (seconds/min)
0.1	0%	0.06
0.5	1%	0.3
1	1%	0.6
2	2%	1.2
3	3%	1.8
4	4%	2.4
5	5%	3.0



Products may be subject to change without notice - Contact factory for the most up-to-date product information.