

## Oval Gear Flow Meter



### Description

The electronic register module contains a microprocessor board powered by a lithium battery with an expected life of 5 years depending on use. It can be programmed to batch in pints, quarts, liters, or gallons and will totalize in liters or gallons. A calibration factor and unit of measure are programmed during factory test. Unlike mechanical registers, these units can be electronically recalibrated in the field when necessary. A 6-digit liquid crystal display, accurate to three decimal places, shows the exact amount of fluid that has passed through the meter. The entire register module is protected from normal wear and tear by a rugged, shock resistant housing.

### Technical Data

<b>MATERIAL</b>	<b>HOUSING</b>	SS, ALUMINIUM,PVC
	<b>OVAL GEAR</b>	DELRIN, VECTRA, STAINLESS STEEL
	<b>COVER</b>	STAINLESS STEEL, ALUMINIUM
<b>AVAILABLE SIZES</b>	1/4" – 3"	
<b>AVAILABLE CONNECTION</b>	<b>THREADED</b>	NPT, BSP
	<b>PRESSURE RATING</b>	UPTO 200 BAR
<b>FLOW RANGE</b>	0.5 TO 700 L/MIN	
<b>OPERATING TEMPERATURE</b>	-30°C TO 120 °C	
<b>ACCURACY</b>	±0.5 % , ±0.75 % , ± 1 % , ±2 % , ±2.5 %	
<b>PULSES PER LITER</b>	3 TO 2170 PULESES PER LITER	

## Display

<b>POWER SUPPLY</b>	BATTERY, LOOP
<b>SIGNALS INPUT</b>	MAGNETIC PICKUP, AMPLIFIED PULSE
<b>OUTPUTS</b>	ANALOG 4-20 MA, TOLALIZING PULSE, STATUS ALARMS,MODBUS
<b>MATERIALS</b>	POLYCARBONATE,SS, POLYURETHANE,THERMOPLASTIC ELASTOMER,ACRYLIC
<b>ACCURACY</b>	0.05%
<b>ENCLOSURE RATING</b>	NEMA 4X/1P 66