

## DESCRIPTION

The FlowCom Register displays a flow meter's flow rate and volumetric total. The FlowCom can be fitted to any new or existing Mc Propeller or Water Specialties propeller flow meter.

## FEATURES

- Retrofits to any existing Mc Propeller or Water Specialties propeller flow meter.
- Four output options: 4-20mA Loop, Open Collector, Optically Isolated, and Contact Closure.
- Unique Units of Measurement for Rate, Total, 4-20mA and Pulse Outputs.
- Factory sealed Remote and Meter-Mounted Models.



## SPECIFICATIONS

### Environmental

<b>Operating Temp.</b>	-4°F to 158°F (-20°C to 70°C)
<b>Storage Temp.</b>	-4°F to 158°F (-20°C to 70°C)
<b>Housing Rating</b>	NEMA 4X
<b>Meter Rating (with remote mount)</b>	IP67

### Input Signal

<b>Input Compatibility</b>	McCrometer Flowmeters
<b>Remote Distance</b>	50 feet max.

### Rate Functions

<b>Display</b>	5-digit
<b>Rate Units</b>	22 different units

### Totalizer Functions

<b>Display</b>	8-digit
<b>Totalizer Units</b>	20 different units
<b>Accuracy</b>	0.25%
<b>Non-Volatile Storage</b>	Updated hourly

### Programming

<b>Program Access</b>	Magnetic wand
<b>Access Lockout</b>	4-digit code
<b>Test Modes</b>	4mA and 20mA test modes
<b>Totalizer Reset</b>	Programming
<b>Total Reset Disable</b>	Programming (permanent)
<b>Calibration Adjustment</b>	+ or - .01% to 10%

### 4-20mA Analog

<b>Power Requirements</b>	12 to 30VDC
<b>Transmissions</b>	5,000 feet max.
<b>4mA/20mA Trim</b>	.01mA to .50mA
<b>Engineering/Time Units</b>	22 different units

### Pulse Outputs

<b>Engineering Units</b>	20 different units
<b>Optically Iso. Pulse Width</b>	80 ms
<b>Open Collector Pulse Width</b>	adjustable
<b>Collector to emitter voltage</b>	50v @ 50mA max.
<b>Pulse Width</b>	80 ms
<b>Max Pulses Per Minute</b>	150
<b>Signal Distance</b>	500 feet max.

### Contact Closure Output

<b>Contact Rating</b>	30v @ 1Amp max.
<b>Pulse Width</b>	80 ms
<b>Max Counts Per Minute</b>	30
<b>Signal Distance</b>	500 feet

### Power Requirement

<b>Battery Type</b>	Lithium 3.6V
<b>Battery Life</b>	6 - 10 years
<b>Optional 4-20mA</b>	Loop powered



## FLOWCOM FC100 AND FC101 PART NUMBER MATRIX

Lead time for parts is five days. For large orders contact Factory for lead time.

FC100 - FC101 -	---	-	-	-	-
<b>OUTPUT OPTIONS</b>					
No Outputs (no cable)	00				
Open Collector (7-pin or open lead cable)	01				
4-20mA & Opto Isolated Pulse (open lead cable only)	02				
4-20mA & Dry Contact Pulse (open lead cable only)	03				
Telemetry Ready Open Collector (7-pin to 7-pin male cable required)	05				
Sensus w/ no pulse or 4-20mA (no pulse or 4-20mA)	06				
Sensus w/ open collector	07				
Sensus w/ 4-20mA & Opto Isolated Pulse	08				
Sensus w/ 4-20mA & Dry Contact Pulse (no remote mount option)	09				
<b>CONFIGURATION</b>					
Conversion Kit		K			
Replacement		R			
<b>REMOTE CABLE OPTIONS</b>					
Remote Mount w/ 25ft Cable			RM25		
Remote Mount w/ 50ft Cable			RM50		
<b>OUTPUT CABLE OPTIONS</b>					
Output Cable 6ft (Default Length)				OC06 OCT06	
Output Cable 15ft				OC18 OCT15	
Output Cable 25ft				OC25 OCT25	
Output Cable 50ft				OC50 OCT50	
Output Cable 75ft				OC75	
Output Cable 100ft				OC100	
Output Cable 125ft				OC125	
Output Cable 150ft				OC150	
<b>NON-PROGRAMMABLE OPTION</b>					
Set Unit at Factory as Non-Programmable					NP

\* For telemetry cable length longer than 50 feet, contact McCrometer customer service.