

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

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

Input Signal

Input Compatibility	McCrometer Flowmeters
Remote Distance	50 feet max.

Rate Functions

Display	5-digit
Rate Units	22 different units

Totalizer Functions

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

Programming

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

4-20mA Analog

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

Pulse Outputs

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

Contact Closure Output

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

Power Requirement

Battery Type	Lithium 3.6V
Battery Life	6 - 10 years
Optional 4-20mA	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 -	---	---	---	---	---
OUTPUT OPTIONS					
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				
CONFIGURATION					
Conversion Kit		K			
Replacement		R			
REMOTE CABLE OPTIONS					
Remote Mount w/ 25ft Cable			RM25		
Remote Mount w/ 50ft Cable			RM50		
OUTPUT CABLE OPTIONS					
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	
NON-PROGRAMMABLE OPTION					
Set Unit at Factory as Non-Programmable					NP

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