

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

FC1	---	---	---	-	---	-	---
Product Line							
McProp	00						
WS Prop	01						
Assembly Component Options							
Conversion Kit		K					
Replacement Kit		R					
Programming Options							
Digital Register (Standard)			D				
Non Programmable Digital Register			N				
Output Options							
No Outputs				-			
Open Collector Pulse(Flowcom 01)				1			
Opto Isolated Pulse & 4-20 Analog (Flowcom 02)				2			
Dry Contact Pulse & 4-20 Analog (Flowcom-03)				3			
Sensus Only (Flowcom 06)				6			
OC Pulse & Sensus (Flowcom-07)				7			
Opto Isolated Pulse & 4-20 Analog & Sensus (Flowcom-08)				8			
Dry Contact Pulse & 4-20 Analog & Sensus (Flowcom-09)				9			
Output Cable Options							
No Outputs				-			
6 ft				C1			
15 ft				C2			
25 ft				C3			
50 ft				C4			
75 ft				C5			
100 ft				C6			
125 ft				C7			
150 ft				C8			
7 pin Female pigtail Telemetry ready (Output Option 1 Only [Flowcom-05])				T1			
7 pin Male 25ft Telemetry ready (Output Option 1 Only)				T2			
7 pin Male 50ft Telemetry ready (Output Option 1 Only)				T3			
Digital Register Remote Options							
Meter Mount (Standard)				-			
6 ft Cable Remote Mount (Flowcom only)				R06			
25 ft Cable Remote Mount (Flowcom only)				R25			
50 ft Cable Remote Mount (Flowcom only)				R50			

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