



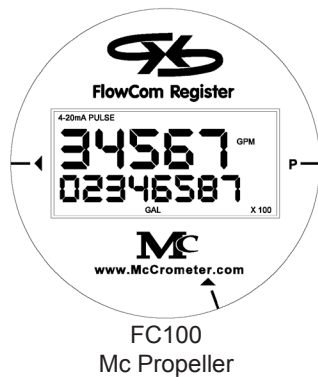
# FlowCom™ Register

DIGITAL DATA & COMMUNICATIONS

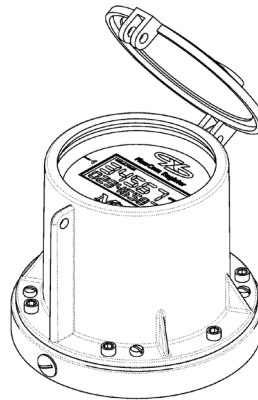
## MODEL FC100/FC101

## CONFIGURATION SHEET

## FLOWCOM REGISTER



FC100  
Mc Propeller



FC101  
Water Specialties Propeller

### DESCRIPTION

The FlowCom Register displays a flowmeter's flowrate and volumetric total. The FlowCom can be fitted to any new or existing McCrometer propeller flowmeter.

### FEATURES & SPECIFICATIONS

- Retrofits to any existing McCrometer Propeller Flowmeter
- 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

<b>Environmental</b> Operating Temp: -4°F to 158°F (-20°C to 70°C) Storage Temperature: -40°F to 158°F (-40°C to 70°C) Housing Rating: NEMA 4X	<b>4-20mA Analog</b> Power Requirements: 12 to 40 VDC Transmissions: 5,000 feet max. 4mA/20mA Trim: .01 mA to .50 mA Engineering/Time Units: 22 different units
<b>Input Signal</b> Input Compatibility: McCrometer Flowmeters Remote Distance: 100 feet max.	<b>Pulse Outputs</b> Engineering Units: 20 different units Optically Iso. Pulse Width: 80 ms Open Collector Pulse Width: adjustable Collector to emitter voltage: 50v @ 250 mA max. Pulse Width: 80 ms Max Pulses Per Minute: 30 Signal Distance: 500 feet max. <b>Contact Closure Output</b> Contact Rating: 30v @ 1 Amp max. Pulse Width: 80 ms Max Counts Per Minute: 30 Signal Distance: 500 feet
<b>Rate Functions</b> Display: 5-digit Rate Units: 22 different units <b>Totalizer Functions</b> Display: 8-digit Totalizer Units: 20 different units Accuracy: 0.25% Non-Volatile Storage: Updated hourly	<b>Power Requirement</b> Battery Type: Lithium 3.6 V Battery Life: 6 - 10 years Optional 4-20mA: Loop powered
<b>Programming</b> Program Access: Magnetic wand Access Lockout: 4-digit code Test Modes: 4 mA and 20 mA test modes Totalizer Reset: Programming Total Reset Disable: Programming (permanent) Calibration Adjustment: + or - .01% to 10%	



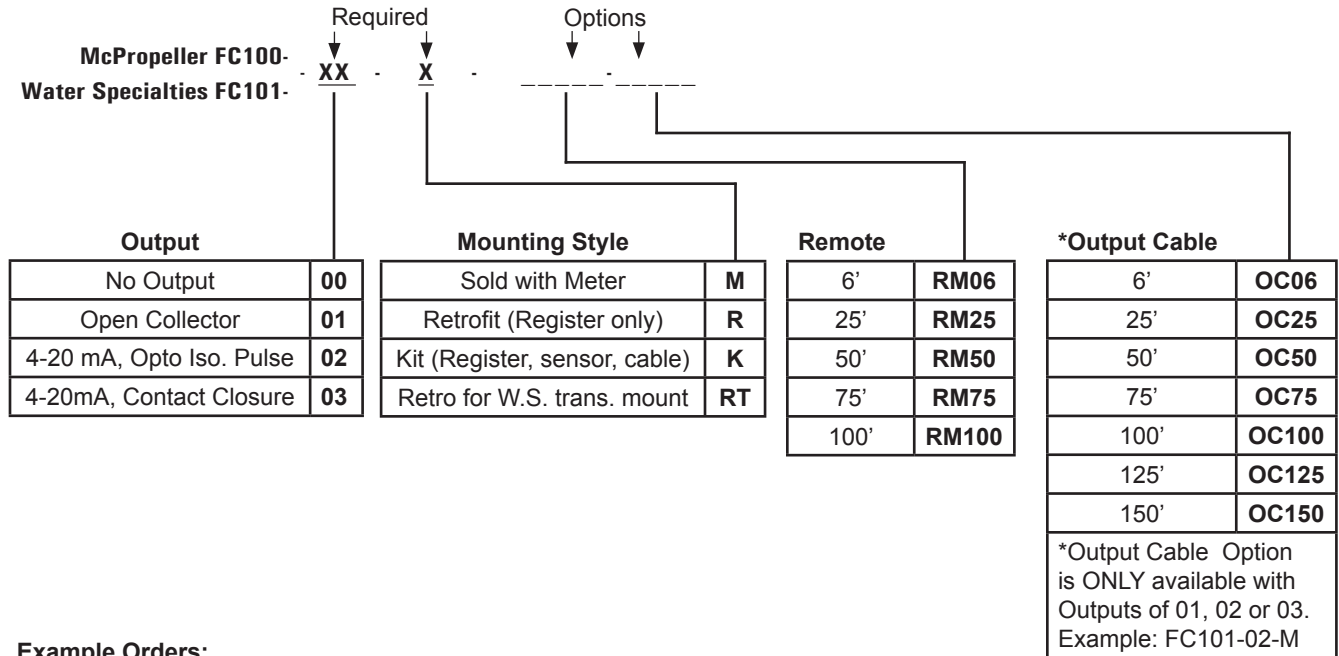
# FlowCom™ Register

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CONFIGURATION SHEET

## MODEL FC100/FC101

FLOWCOM REGISTER



**Example Orders:**

Example 1: FC100-00-M

Example 2: FC101-02-K-RM75-OC25

Example 3: FC101-02-R

Mc Propeller FlowCom - Meter Mounted, no outputs

Water Specialties FlowCom - Remote Mounted 75', 4-20mA & Opto, 25' Output Cable

Water Specialties FlowCom Retrofit - Register to replace Meter Mounted register

**Conversion of Meter Mount to Remote Mount Kits**

Water Specialties	Mc Propeller	Description
FCRMWS-25	FCRMMC-25	Hardware and 25' Cable
FCRMWS-50	FCRMMC-50	Hardware and 50' Cable
FCRMWS-75	FCRMMC-75	Hardware and 75' Cable
FCRMWS-100	FCRMMC-100	Hardware and 100' Cable

**Please provide the following (as applicable):**

- Model Number
- Total Unit/Rate Unit
- Pulse Type/ Pulse Unit/ Pulse Increment
- 4-20mA Unit / 20mA Full Scale
- For -K, -R, -RT models provide the existing meter serial number
- Optional: Remote Cable Length (feet)
- Optional: Output Cable Length (feet)

**Example:**

- FC101-02-K-RM50\_OC25
- ACRE FEET/CFS
- Pulse: Optically Iso./AFT/0.01
- 4-20mA: CFS / 10
- Remote Cable: 50 feet
- Output Cable: 25 feet

**HOW TO ORDER:**

McCrometer reserves the right to change design or specifications without notice. Warranty Period: 1 Year