



Electrical Output Registers

for Multi-Jet and Turbine Meters

Convert to electrical output, reliably.



Registers compatible with Master Meter 5/8" to 2" Multi-jet Cold or Hot Water Meters and 2" to 12" Turbine Meters providing single or double contact closure corresponding to defined volume increments.

Commonly used in utility, industrial and agricultural installations where totalization is required at a site remote from the meter, and where precise volume input to batching equipment is required, for injection of chemicals, dyes or other additives.

FEATURES & BENEFITS

- Great for utility, industrial, and agricultural applications
- Compatible with MM 5/8" to 2" Multi-Jet Cold or Hot Water meters
- Switch enclosed in a vacuum-sealed glass tube
- Available as single or dual switch output

TECHNICAL SPECIFICATIONS:

Description	Registers compatible with Master Meter 5/8" to 2" Multi-jet Cold or Hot Water Meters and 2" to 12" Turbine Meters providing single or double contact closure corresponding to defined volume increments.	Compatible Equipment	Master Meter: LCD Remote Counter & Batching Unit. Other Equipment: Electrical/electronic counters, totalizers, actuators, injection equipment and proportional feed pumps.
Applications	In utility, industrial & agricultural installations where: <ul style="list-style-type: none"> • Totalization is required at a site remote from the meter; • Precise volume input to batching equipment is required, for injection of chemicals, dyes or other additives. 	Wiring Distances	Reed switch assembly is factory sealed to 3 feet of 24 gauge, 2-conductor stranded cable. Remote counting or batching equipment can be installed up to 500 feet from the meter, connected by 24 gauge, 2-conductor stranded cable.
Switch Type	Reed Switch Type Proximity Sensor. Dry contact switch.	Electrical Specifications	<i>Maximum Switched Current</i> 500 mA <i>Maximum Recommended Switching</i> 32 Volts (AC or DC) WARNING: We recommended contacts be kept within the stated parameters. <i>Contact Resistance</i> 70 mOhms <i>Power Requirements</i> Electrical output register consumes no power, making it suitable for use with low current, dry battery powered devices.
Construction	Permanently sealed, magnetic drive register, with stainless steel register base, plastic lens and wrap-around gasket. A standard six-wheel mechanical odometer accommodates on-site reading when required. <i>Single Switch Output</i> Switch is enclosed in a vacuum-sealed glass tube. The switch assembly locks, with a bayonet fit, into a sealed cavity in the register. <i>Dual Switch Output</i> Switches are enclosed in a vacuum-sealed glass tube and permanently epoxy sealed in the register lens.	Warranty	Electrical Output registers are warranted for one year from shipment date.
Output	Quantity of water per switch closure varies with meter size. Output options include 1, 10 and 100 percent of register sweep, specified on order. Output options by meter size and registration are summarized on the reverse side of this bulletin.		

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Register Output Options by Meter Type, Size and Registration

Usage in Gallons

Meter Type/Size	Gallons Per Switch Closure						
	0.1 g	1 g	10 g	100 g	1000 g	10,000 g	100,000 g
Multi-jet Meters							
5/8" & 5/8" x 3/4"	■						
3/4" & 1"	■						
1-1/2" & 2"		■					
Turbine Meters							
2", 3", 4"			■				
6", 8"				■			
10", 12"					■		

Usage in Cubic Feet

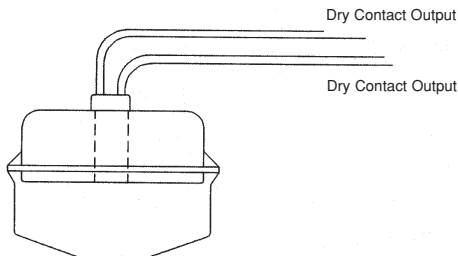
Meter Type/Size	Cubic Feet Per Switch Closure						
	0.01 cf	0.1 cf	1 cf	10 cf	100 cf	1000 cf	10,000 cf
Multi-jet Meters							
5/8" & 5/8" x 3/4"	■						
3/4" to 2"		■					
Turbine Meters							
2", 3", 4"			■				
6", 8"				■			
10", 12"					■		

Compound Meter Outputs

Output From Both High and Low Flow

Size	High Flow	Low Flow
	Turbine	Multi-jet
2"	2"	5/8"
3"	3"	5/8"
4"	4"	1"
6"	6"	1-1/2"

Dual Output Register Configuration



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MMDS EOR Rev07/27/06



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