

Pulsafeeder's Control-Mate and Control Mate LT provide an electronic interface which permits near-proportional control to any metering pump.

In water treatment systems, the Control-Mate allows a feed pump's run time to be triggered by the flow of water through a contacting water meter. As a specific volume of water passes through the meter, the Standard Control-Mate signals the feed pump to run for a predetermined amount of time - 1.2 to 60 seconds - thereby establishing a fixed ratio of solution to water. The Control Mate LT, signals the feed pump to run for a predetermined amount of time - 0.1 to 10 seconds.

The Control-Mate is also valuable in systems that function in cycles or phases. When it is necessary to feed solution in conjunction with a valve opening or a pump starting, the Control-Mate and a relay switch activated by the pump or valve will signal the solution feeder to deliver a measured amount of chemical.

The Control-Mate direct proportional chemical feed with any contact-output water meter incorporates an electronic timer with relay output and a transformer, all housed in a compact, chemical-resistant polycarbonate case. A heavy duty power cable and an instruction/operation manual are included.

Time Range: The duration of each pump run time, per trigger or signal, is set by adjusting the potentiometer located beneath the access plug in the case.

Input: The transformer provides low voltage to the timers circuitry and the trigger input, assuring safety during installation and operation.

Output: The Control-Mate employs electromechanical relay output control.

Features

- Control-Mate: 1.2 to 60 seconds
- Control-Mate LT: 0.1 to 10 seconds

Operating Benefits

- Deliver a fixed ratio of solution to water.
- Once installed and calibrated, the Control-Mate requires no adjustment and no maintenance.
- Compact, chemical-resistant case



Aftermarket

- Water Meters
- Gauges
- Dampeners
- Pressure Relief Valves
- KOPkits
- Tanks
- Pre-Engineered Systems



Control-Mates

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Specifications and Model Selection

Control-Mate

Part Number	Description
U8800655	Control-Mate 115V - External Pump Control - 1.2 to 60 second
U8800715	Control-Mate LT 115V - 0.2 to 10 second

Engineering Data

Control-Mate

Minimum Run Time Per Signal: 1.2 seconds
 Maximum Run Time Per Signal: 60 seconds

Control-Mate LT

Minimum Run Time Per Signal: 0.1 seconds
 Maximum Run Time Per Signal: 10 seconds

Repeatability: 0.5% under fixed conditions
 Reset Time: 50 milliseconds Max.
 Minimum Trigger Duration: 100 milliseconds

Input

Voltage: 96 to 144 VAC
 Frequency: 50 to 60 Hz
 No Load Current: 45 ma. ac. Max.

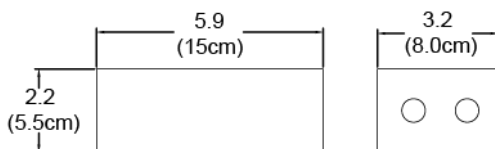
Output

Normal Mechanical Life: greater than 10 million operations
 Maximum Device Load: 10 ampere resistive at 120 VAC

Typical Installation



Dimensions



pulsafeeder.com



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