FMI Intelligent Pump

Valveless, Programmable, Stepper Pump

NEW!

Features:

- Uses FMI's standard STH body.
- Speed range 10 to 1200 RPM @ 40 PSI starting pressure
- Flow Rate 25 uL/min minimum (H00), 240 mL/min maximum (H200)
- Wide voltage range from 9 to 36 VDC or separate logic supply from 7 to 36 VDC
- Multiple programming platforms supported from a PC under Windows or Linux:
  - Visual Basic
  - C/C++
  - Delphi
  - Lab VIEW
- 5 programmable inputs (5 – 36V)

  2 programmable outputs (NPN open collector 5 – 36V @ 0.2 amps)

  Application configurable-you can mix and match inputs and outputs
- Analogue input: 12 bit, 0 – 5V
- RS-232 serial communication
- CANopen protocol supported
- EtherCAT communication with optional extension module.
- Servo Control of a stepper motor
- Total closed loop operation (1000 line dual quadrature encoder with index)
- Quiet operation
- Resonance free
- Energy efficient
- Runs cool

FLUID METERING, INC.
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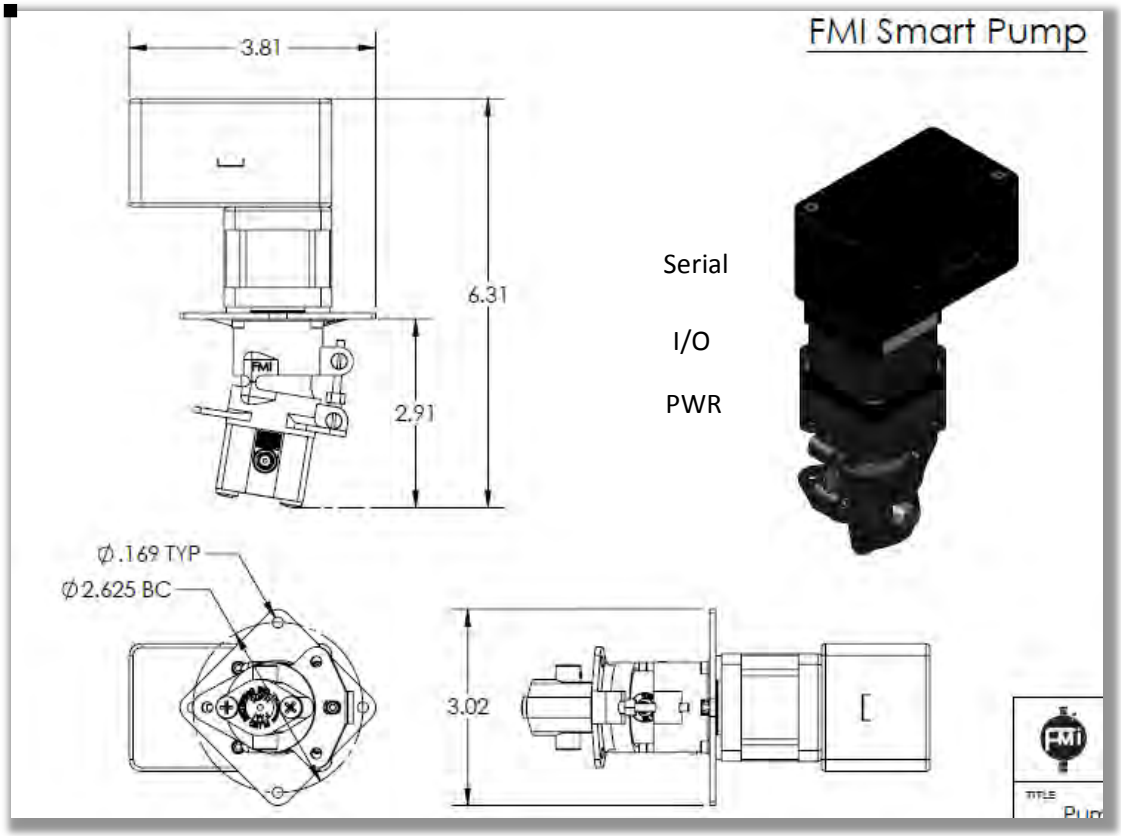
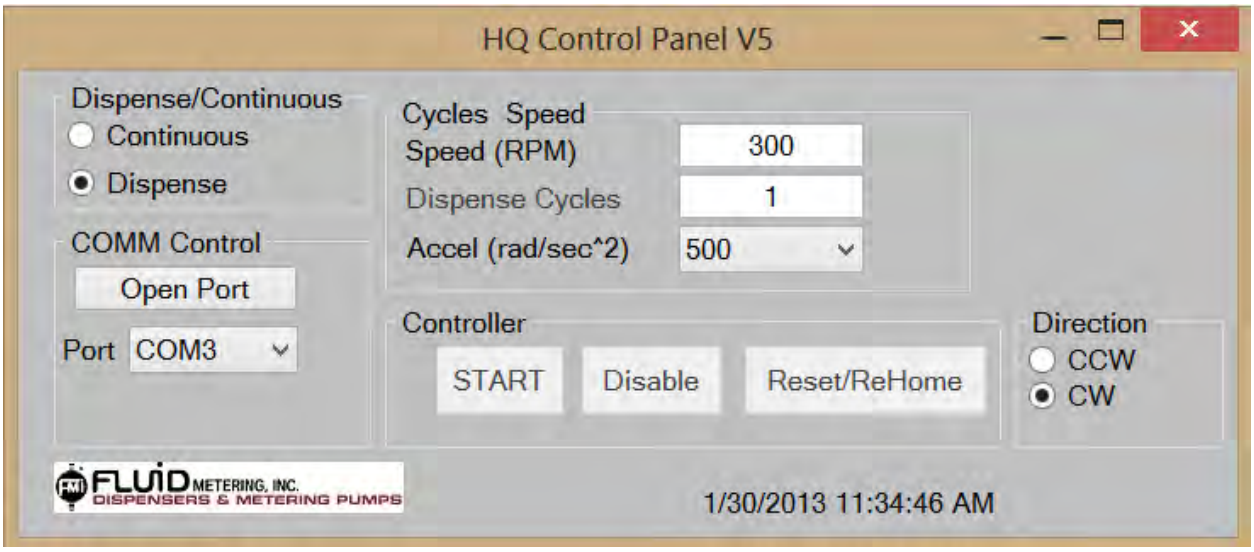
(800) 223-3388 (516) 922-6050 Fax: (516) 624-8261 http://www.fmipump.com



Software Interface allows easy control of the FMI Smart Pump from a computer.



Anything is possible-custom programming just ask.
How do you want to control the stepper motor?

Example:

- ***I.O. Ports 5 Inputs and 3 Outputs***
- ***Communication: RS485 data link***
- ***Input =24 VDC***
- ***Input # 1 = Move Water sense system pressure***
- ***Input # 2 = Sense system pressure at Outlet to Pump***
- ***Input # 3 = Turn System off***
- ***Input # 4 = Turn System on***
- ***Input # 5 = Error***
- ***Output #1 = Turn on Fluid A***
- ***Output #2 =Command an action is completed/ done***
- ***Output #3 = Status of the Inputs***