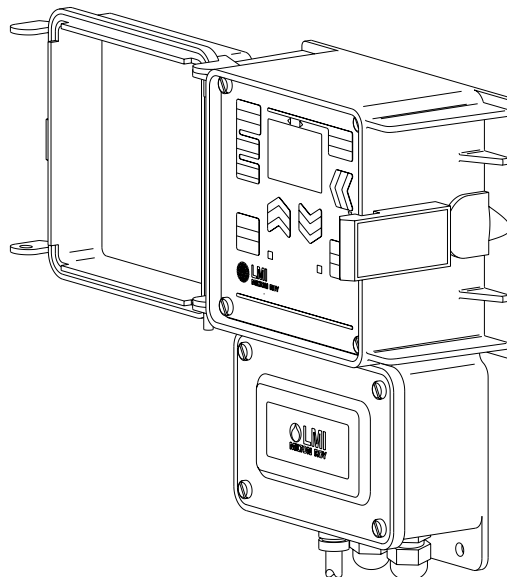


Digital Pump Controllers

Features

- Microprocessor Based Metering Pump Control
- Easy to Program and Use
- Flexible Response to Control Requirements
- Tactile Feedback Keypad
- Remote Access - Mount up to 500 feet away from pump installation
- Precise Digital Speed Control
- milliAmpere or Pulse Type Process Signal Interface
- Conformal Coated Circuit Boards
- Displays Current Speed
- Controls any LMI A7, B7, C7, E7 or L7 Series pump
- Independently controls two pumps simultaneously
- IEC IP65 Construction
- Software Lockable Keypad
- Pump Priming Key
- Non volatile Memory (E²PROM)
- Easy to Read, High Quality LCD
- Lockable, Clear Panel Cover



Pulse Type Process Features:

- Countdown display in batch control mode
- Divide mode $\div$
- Multiply mode $\times$
- Internal or external operating mode
- External Inputs
 - High or low frequency digital pulse type inputs
 - LMI RFP Flowmeters
 - Paddle type flowmeters
 - Reed switch (dry contact)
- Remote ON/OFF
- Displays stroke rate and divide or multiply value

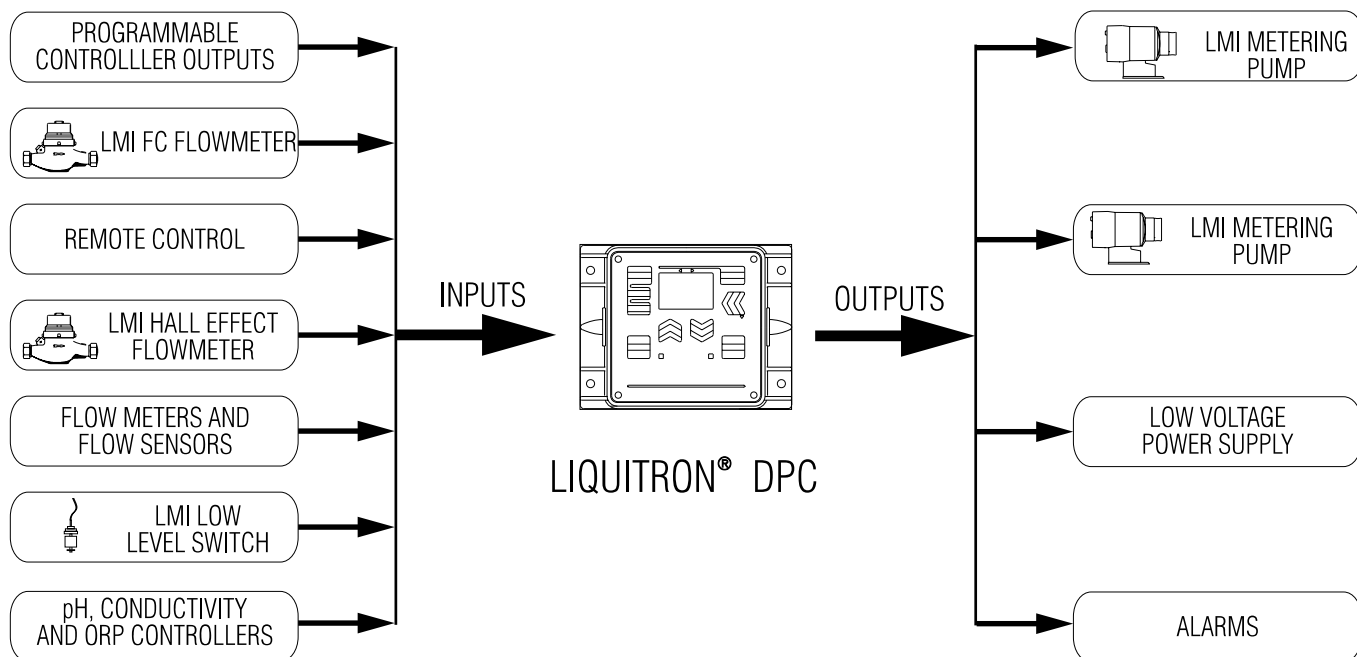
milliAmpere Type Process Features:

- Easy 2 point response programming automatically determines and displays direct or inverse action
- External Inputs
 - 4-20 mA analog control signal
 - 0-5 VDC signal
- Remote ON/OFF
- Displays input signal value, stroke rate, and operating mode
- Flashing display indicates excessive input signal
- Direct, inverse, on/off or two level programming



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Acton, MA 01720 USA
TEL: (978) 263-9800
FAX: (978) 264-9172
<http://www.lmipumps.com>





Configuration Data

Model **DPC-40 - 1**

Base Unit

DPC-40 Microprocessor-based single input dual output current to frequency converter or pulse multiply/divide controller

Voltage Code

- 1 ----- 120 VAC US Plug
- 2 ----- 240 VAC US Plug
- 3 ----- 220-240 VAC DIN Plug
- 5 ----- 240-250 VAC, UK Plug
- 6 ----- 240-250 VAC, Aust./NZ Plug
- 7 ----- 220 VAC, Swiss Plug

Specifications

Input Signal

- Analog Signal
- 4-20 mA, 150 ohm impedance
- 0-5 VDC
- (6.0 VDC max & 40 mA max)

Flow Input

Hall Effect, Reed Switch
Closures, Sine Wave, (*consult factory for others*)

Max Input Pulse Frequency

7.9 kHz (476,000 pulses/minute)

Output Power Supply

35 mA @ 15 VDC available

Remote On/Off and Internal/External Mode

Switching Requirements

2 mA @ 15VDC

Alarm Output: 35 mA @ 15VDC supplied by DPC-40

Data Output: Pulse Signal Output (100ms pulse width), open collector

Enclosure

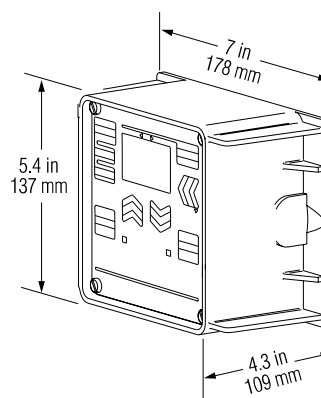
Thermoplastic elastomer with sealed control panel and gasketed cover
IP 65 rated

Input Power

115 VAC, + 15% 50/60 Hz, 230 VAC, + 15% 50/60 Hz

Environment

32° F - 122° F (0° C - 50° C), 0 - 98% relative humidity, (non condensing)



Warranty/Service

LMI offers a 2 year limited warranty on the DPC. Please consult factory for details.