

# UPC-1000

## Process Controller



### Features

- Simple, user friendly interface
- Field programmable
- On board diagnostics
- NEMA 4X enclosure
- Digital and analog outputs standard

UPC-1000

### Description

The Eagle Microsystems UPC-1000 Process Controller utilizes all digital electronics to provide high quality, low cost control for your process with a simple, user-friendly, menu driven, four pushbutton operator interface.

This full function controller is field mountable and can perform general PID control as well as specialized flow pacing or compound loop control for water and wastewater chlorination/dechlorination applications.

The controller accepts two 4-20 mA dc inputs and produces a single isolated, controlled 4-20 mA dc output. The operator display is an easy to read 2 line by 16 character backlit LCD. In addition to the current output the unit has up to six programmable relay contacts. Optional additional isolated 4-20 mA dc outputs, pH/fluoride probe inputs, and additional switch and 4-20 mA DC inputs are available.

Your Source for Precision Process Solutions



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## Process Controller

<b>Specifications</b>	
Power	
Display	2 line, 16 char. backlit LCD, 5mm
Interface	4 tactile pushbutton
Ambient temperature	14°-122° F, -10° – 50° C
Enclosure	NEMA 4X fiberglass
Mounting	Wall or surface
Audible alarm	80 dB
<b>Control modes</b>	
Flow Pacing	
Residual	
Compound loop	
<b>Inputs</b>	
Analog input	Two 4-20 mA dc, 1-5 V
Switch inputs	Two
<b>Outputs</b>	
Isolated, 4-20 mA dc	650 ohms max,
Relays(4)	250 V ac @ 3A, 32 V dc @ 3A
RS-232/RS-485	
<b>Options</b>	
Additional 2 output contacts	
Additional 4-20 mA DC input	
Additional 4-20 mA DC output	
High impedance probe input	
Limited scale input	
WiFi connectivity	

