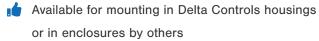
Model 354 • Pump Controller, Four Relay, 4-20 mA

Features





Optional direct reading LCD display

(••) Accepts 4-20 mA signal from any type transmitter; 2, 3 or 4-wire

Supplies DC power for 2-wire loops and for 3 or 4-wire transmitters

Optional pump control functions

Relay operate time delays

Two alarm points

Built-in loop power supply

Selectable starting time delay

Self checking diagnostic routine

Continuous setpoint indication

H Optional explosion-proof housing



The Delta Controls **Model 354** Pump Controller is operated as an alarm and/or adjustable differential level controller. Model 354 has two relays each featuring an individual **0–100% on** and **0–100% off setpoint**. It accepts a 4-20 mA dc input signal which is proportional to some process variable, usually level. The Model 354 is microprocessor based and checks its input signal loop for integrity. The relays may be set up for direct or reverse fail-safe action.

The 354 is equipped with a built-in loop power supply and accepts **remote powered** 4-20 mA signal. The input signal wiring may be equipped with an electrical barrier. The 354 must be located in a safe area and input signal wires may extend into the ignition hazard area through a suitable barrier.

Features, such as lead/lag pump rotation, time delay starting, and alarms may be programmed in the field. Up to **two pumps or alarm points** can be controlled can be actuated from a single 354 pump controller. The optional Model 328 3.5 digit LCD readout display, may be field calibrated for engineering units.

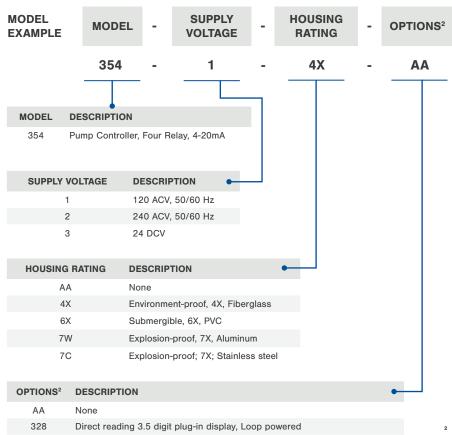


Model 354

Specifications -

General Type:	Microprocessor based
Supply Power:	120 ACV , 240 ACV, 50 Hz, 60 Hz, 24 DCV \pm 15% variation
Input Range:	4-20 mA
Relays:	4,10 A at 250 ACV SPDT
Basic Switching Action:	Adjustable differential for on/off control
Accuracy:	0.1% of full scale
Transmitter Loop Power Supply:	24 DCV
Multiple Pump Control:	Selectable lead/lag, rotation of up to 4 pumps
Temperature Range:	-20 °F to +170 °F (-20 °C to +77 °C)
Housing Rating:	Classes 1 & 2, Divisions 1 & 2, Groups ABCD, EFG

Model Numbering System



2 in pipestand or surface remote kit (not available with AA housing option)

A hyphen will separate multiple options selected

REQUIRED ORDERING INFORMATION:

· Detailed model number

PSM

- Tag or nameplate detail (if required)
- Documentation & /testing packages (if required, refer to page Additional Resources)