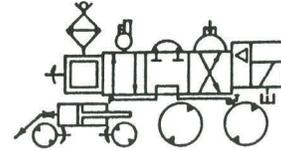


# PV 550 PANEL VIEW CONTROLLER

ALLEN-BRADLEY PROGRAMABLE CONTROLLER  
ALLEN-BRADLEY TOUCH SCREEN OPERATOR INTERFACE  
CONTROLLER MOUNTS IN ANY STANDARD 14" X 28" SPACE  
REPLACE OBSOLETE SOLID-STATE OR PLC CONTROLLERS  
WIRING USES IDENTICAL TAG NUMBERS FOR QUICK CHANGE OUT  
DIGITAL OR ANALOG INPUTS; 24VDC DIGITAL—0-10V ANALOG  
DIGITAL: UP TO 5 POSITIONS OF RAM MOVEMENT: 0 1 2 3 4  
ANALOG: INFINITIVE POSITION OF RAM MOVEMENT



## CONTROLLER CAN USE MICRO SWITCHES OR PROX-SWITCHES OR 0-10V FOR INPUT POSITION

Using limit switch or prox switches you can:

### SET:

- ◆ RAM moving timer— ON or OFF
- ◆ Retarder set before SOL— OPEN or CLOSE
- ◆ Restore your settings— SAVE
- ◆ Restore OEM parameter— RESTORE
- ◆ Retarder moving timer (if not in position by preset time)— 1-20 minutes
- ◆ Time to override Hot Oil switch— 1-180 minutes

### SHOW:

- ◆ RAM direction— "F" "R" (Forward or Reverse)
- ◆ RAM position— CALL FOR
- ◆ System readings— READY or RUN or SOL
- ◆ Time of event for— Alarms, Hot Oil, Low Oil and SOL
- ◆ Time for Total pump run
- ◆ Override hot oil fault— 0-180 minutes
- ◆ Circuit breakers status— ON or TRIPPED

### TEST:

- ◆ Trip circuit breakers
- ◆ Retarder— START, STOP, OPEN and CLOSE

### ADJUST:

- ◆ Pump run time per car cut— 20-99 seconds [00 = Continuous]
- ◆ RAM moving time if not in position— 1-20 minutes

Using transducer input analog 0-10VDC— Same as limit switches or proxy switch input plus the following features:

### Analog

#### SET:

- ◆ RAM position 0 1 2 3 4 from screen
- ◆ Calibrate range

#### SHOW:

- ◆ RAM position and RAM position ERROR

#### ADJUST:

- ◆ Trim + or - of position

#### USING:

Magnetostrictive position sensor  
Linear, absolute position measurement  
Highly durable, non-contacting design  
Direct position output; 0-10 VDC  
Low power consumption— less than 100 MA  
Vibration rating — EIC 68-2-6  
Sealing— IP67  
CE Certified



### \*\*\*\*OPERATOR ADJUSTS\*\*\*\*

RAM position, 1.00-11.00 inches  
Transducer calibration, set range  
Open or Close Retarder

### This is Typical:

Position 0 = 0.25"  
Position 1 = 2.50"  
Position 2 = 4.50"  
Position 3 = 6.75"  
Position 4 = 9.25"

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