

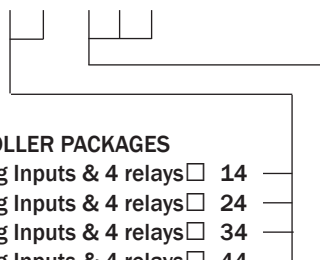


Inputs from up to four analog transmitters  
Four programmable alarm relays  
Four 4 - 20 mA outputs

Field programmable microcontroller circuit  
Digital display of gas concentration  
Low, Mid, High and Fault alarm indication  
Audible alarm with acknowledge button

PAC series systems are programmable controllers designed to accept inputs from up to four remote transmitters and perform a variety of control functions. The microcontroller based circuit provides the user with a wide range of configuration possibilities including zoning, changing alarm set points, time delays and relay addressing. The controller can accept inputs from up to four analog transmitters, has four programmable relays outputs and four scalable analog outputs. The controller has a two-line backlit LCD display that actively scrolls through all programmed channels. The PAC features LED alarm indicators and audible alarm with silence button.

PAC - \_ \_ - \_ - \_ \_ \_



### CONTROLLER PACKAGES

- 1 Analog Inputs & 4 relays  14
- 2 Analog Inputs & 4 relays  24
- 3 Analog Inputs & 4 relays  34
- 4 Analog Inputs & 4 relays  44

### OPTIONS

- Top mounted horn   H
- Top mounted strobe light  L
- Watertight audible alarm  W

### PROGRAMMING

Each PAC is pre-programmed at the factory, and is completely field adjustable using a boardmounted pushbutton keypad. Functions that can be set include relay assignment, time delays on make or break, complex zoning, sensor types and ranges, alarm setpoints and much more.

### TRANSMITTERS

The PAC can accept inputs from any CET analog transmitter, as well as many other brands and types of 4 to 20 mA transmitters. CET manufactures a wide range of transmitters with sensor and enclosure options to meet the requirements of many different applications. Gases detected include CO, NO2, Combustible Gases, Chlorine, Ammonia, Ozone, CO2, Oxygen, Refrigerants, Hydrogen, H2S, SO2 and more.

### CONTROLLER SPECIFICATIONS

#### ENCLOSURE

- Material   Rugged, Watertight  Fiberglass
- Size   10.5" x 9" x 6"
- 265 mm x 230 mm x 150 mm
- Weight   6 pounds 2.75 kg

#### POWER REQUIREMENT

100 - 240 VAC, 47 - 63 Hz.

#### INDICATION

- Visual   Scrolling, backlit LCD digital display
- Common LED lights for Power, Fail,
- Low, Mid and High Gas Alarms
- Audible   Integral audible alarm rated 90 dB at 10'
- Door mounted silence button

#### RELAY OUTPUTS

Four SPDT relays rated 5 amps @ 240 VAC

#### ANALOG OUTPUTS

Four scalable analog 4-20mA signals

#### OUTPUT POWER

24 VDC power for transmitters

#### OPERATING ENVIRONMENT

- Temperature  0 to 40 degrees C
- 32 to 100 degrees F
- Humidity   0 to 95% non-condensing

#### CERTIFICATIONS

CSA / UL for electrical safety, CE pending

Authorized Distributor:

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