

## PAM™ 5000 Pump Access Module

Gilbarco's PAM 5000 Pump Access Module brings new capabilities to sites that use third-party POS systems with Gilbarco® dispensers, including blenders and high gallonage models.

- Use the same proven interface specification as the PAM 1000 with Enhanced Software, meaning PAM 5000 is a functional drop-in replacement for PAM 1000 with no POS software changes required
- Upgrade software to flash memory easily via laptop computer
- Connect remotely via the web using PAM 5000's built-in web server
- Troubleshoot POS to PAM issues remotely or locally
- Configure PAM 5000 easily via a laptop -- no jump jacks to set – most frequently used configuration parameters are set as defaults
- Eliminate costly CRIND® and pump d-boxes
- Adds support for RS-422 and Current Loop inputs for pump control – allows for POS and PAM to be located up to 1600' apart – (RS-232 is limited to 50')
- Adds support for RS-232 input for CRIND control – eliminates need for the RS-232 to RS-422 converter used by some 3<sup>rd</sup> party POS devices
- Built-in program to monitor pump and POS communications

### Flexible POS control

PAM 5000 facilitates POS control of dispenser transactions, enabling:

- Pre-set or fill-up transactions for individual fueling positions
- Authorizations by grade or group of grades
- Discounting at individual fueling positions
- Complete grade mapping

### Convenient management information

PAM 5000 enables the following information to be displayed or incorporated into management reports:

- Fueling position status
- Transaction data
- Real time money status
- Dispenser totals
- Base product totals
- Blend ratios
- Blend change counts (tracks the number of blend ratio changes by position and grade).

### Modular components help you get just the right fit

The basic PAM 5000 unit is configured with a DSB500 POS Module and one DSB492 Current Loop module. This configuration has the capability to support up to eight dispensers. Up to two additional Current Loop modules can be added at installation to accommodate larger sites (up to 36 fueling positions). Current Loop Expansion Module Kits (M08037B001) are ordered separately on an as needed basis.

### Eliminate costly distribution boxes

The two-wire cables used for pump control can be connected directly to the DSB492 Current Loop module in the PAM 5000, eliminating the PA0261 distribution box that is normally used for pump control. This does require that the PAM 5000 be physically located and installed in a location near the wiring trough where the two-wire cables terminate.



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With the addition of an optional CRIND Expansion Kit (M08037B002) to the base PAM 5000 unit, CRIND two-wire cables can also be directly connected to the PAM 5000. The CRIND Expansion Kit will support up to 8 dispensers with CRIND. For larger sites with up to 16 dispensers with CRIND, an additional optional Current Loop Expansion Kit is required.

## Specifications

**Communication speeds:** 300 -19,200 baud

**POS interface:** Supports RS-232, RS-422, or Gilbarco current loop serial interfaces without adapters or add in cards.

**Keyboard:** 5-key keyboard is used for set-up when PC is not connected.

**Power supply:** 120 VAC, 60 Hz, 0.4 A.

**Display:** 16x2 character alphanumeric LCD, used with keyboard when PC is not connected. Displays application version number and time when the application program is running.

**Temperature range:** 0°C to +50°C (32°F to 122°F) operation; -20°C to +80°C (-4°F to 176°F) storage.

**Dimensions:** 23-3/4"H x 8-1/2"W x 5"D

### Part numbers

PA03820000 Base PAM 5000 Pump Access Module

M08037B002 CRIND Expansion Kit

M08037B001 Current Loop Expansion Kit

R19000-02 PAM to D-box cable adapter

R19000-03 POS to PAM cable adapter

R19000-04 POS to CRIND D-box cable adapter

### Approvals

UL Listed. Complies with Federal Communications Commission Class A requirements, Subpart J of Part 15. cUL Approved. System-level approvals are the responsibility of the POS vendor.

