From urgent alarms to routine messages, the PD141AFO VIGILANTE® handles all types of operational messages with simplicity and economy. The VIGILANTE® delivers clear, eye catching (and ear catching) information to the plant operators. Alarm outputs from Precision Digital meters, alarm relays, logic levels from 5 to 28 VDC, and switches for parameters such as temperature, pressure, flow, level and proximity can all be fed directly into the VIGILANTE®.

SPECIFICATIONS

NUMBER OF INPUTS: 4 per VIGILANTE®; 8 per system
TYPE OF INPUTS: Momentary or maintained:
1. NO or NC switches: Each input circuit contains a pull-up resistor, so it is not necessary to provide external excitation to the switch.
2. Open Collector Transistor: Open circuit voltage is approximately 5 VDC.
3. Logic Levels: LO = 0 to .8 VDC, HI = 4.7 to 28 VDC; input impedance: 100 KΩ.

OPERATION: User field select: ISA Sequence A or ISA Sequence F2A (first-out).

TYPE OF OUTPUTS: Alarm condition indicated in three ways:
1. Relay: 1 SPDT relay (2 A @ 240 VAC) per PD141AFO.
   For fail-safe design, the relay is energized in the non-alarm state. In the case of a power failure, the relay will go to the alarm state (NC contact is connected to Common contact).

ALARM MESSAGES: Custom printed free of charge. Area available per message is 1.25” x .28” (32 mm x 7 mm); user may specify any size and length that will fit in this area. Two lines of 14 characters each at 9 point type will fit.

POWER:
AC: 115 VAC ± 10%, 50/60 Hz, 3 VA.
230 VAC ± 10%, 50/60 Hz, 3 VA.
DC: 24-48 VDC, 2 W max., 500 VDC isolation.

ENCLOSURE: Removable screw terminal block.

FRONT PANEL: NEMA 4X, panel gasket provided.

ENVIRONMENTAL:
Operating temperature range: -20 to 70°C.
Storage temperature range: -40 to 85°C.
Relative humidity: 0 to 90% non-condensing.
WARRANTY: 1 year parts and labor.
EXTENDED WARRANTY: May be extended an additional 12 months by returning the Product Registration Form within 2 months from date of purchase. Go to www.predig.com for online registration.

DISCLAIMER: The information contained in this document is subject to change without notice. Precision Digital makes no representations or warranties with respect to the contents hereof, and specifically disclaims any implied warranties of merchantability or fitness for a particular purpose.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD141AFO-2</td>
<td>24-48 VDC Power</td>
</tr>
<tr>
<td>PD141AFO-3</td>
<td>115 VAC Power</td>
</tr>
<tr>
<td>PD141AFO-4</td>
<td>230 VAC Power</td>
</tr>
</tbody>
</table>

*Quick Shipment Product, shipped within 2 working days.
MESSAGE LABELS

Alarm message labels for the Annunciator may be factory printed at no charge, or field printed using a laser printer with clear self-adhesive labels.

Factory printed message labels may be ordered at any time by completing the following form. (Note: message #1 is the top message. Make copies of this page for additional message labels.

| Please include label with my order |
| I have the Annunciator, please send ASAP |

Quantity
Name
Title
Company
Mailing Address
City, St., Zip
Phone
Fax
E-Mail
PO#

Area available per message is 1.25" x .5" (32 mm x 12.7 mm); user may specify any size and length that will fit in this area. Two lines of 14 characters each at 9 point type will fit.

MESSAGE NUMBER 1

MESSAGE NUMBER 2

MESSAGE NUMBER 3

MESSAGE NUMBER 4

MOUNTING DIMENSIONS

DIMENSIONS:
A: 4.83" (123 mm) req’d for installation
B: 4.30" (109 mm) installed
C: 4.25" (108 mm)
D: 2.30" (59 mm)

NOTES:
1. Panel cutout required- 3.622" x 1.772" (92 mm x 45 mm) 1/8 DIN
2. Panel thickness-.125"-.250" (3.17 mm-6.34 mm)
3. Clearance: allow 6 inches (152 mm) behind panel
4. Weight 12 oz (340 g)