MODEL PD128 & PD128-NI PLC ANNUNCIATORS

The PD128 is a low-cost, easy-to-use PLC annunciator that displays up to 8 messages at once and features a built-in horn. Interchangeable LEDs (Red, Yellow, Green) allow for customized alarm messages. Powered directly from the PLC, the PD128 accepts standard digital output signals, requires no programming and can be connected in minutes.

CHANGING LED COLOR

Changing LED color is a simple matter of removing the existing one from its socket and replacing with the desired color.
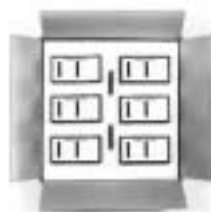
SIGNAL CONNECTIONS

Common Low inputs are connected to J1 header on the right. Common High inputs would be connected to header J2 on the left.
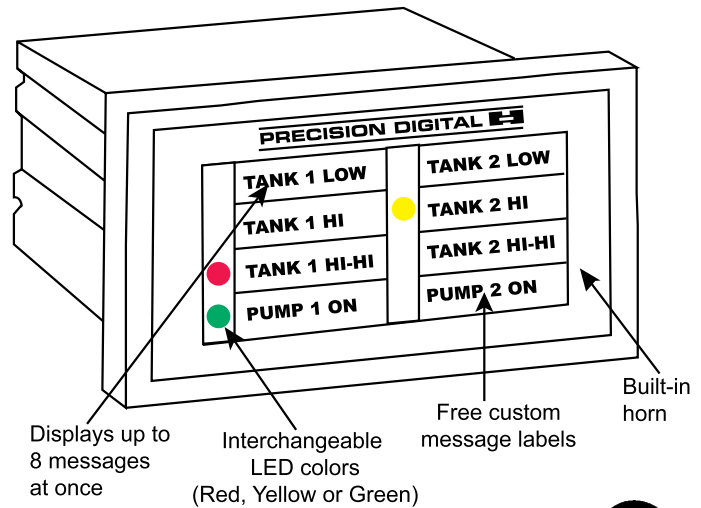

Displays up to 8 messages at once

Interchangeable LED colors (Red, Yellow or Green)

Free custom message labels

Built-in horn

- **Low-Cost – Less than Half the Price of a Message Center**
- **Powered From PLC**
- **No Programming**
- **Accepts Common High or Common Low Input Signals**

CSA®

FM APPROVED

SPECIFICATIONS

NUMBER OF CHANNELS: 8 visual + 1 audio.

TYPE OF INPUTS:
1. Logic Levels: Low = 0 to .8 VDC; High = 4.7 to 24 VDC @ 12 mA.
   a. Common Low Input - activates when input goes high
   b. Common High Input - activates when input goes low
2. Normally Open Switches: External power required to power switch.
3. Open Collector Transistor: External power required to power transistor circuitry.

MAX INPUT SUPPLY: 24 VDC @ 12 mA per channel.

OUTPUTS:
1. Audible: Built-in horn.
2. Visual: Red LED next to alarm message. May be replaced with yellow or green.

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.

APPROVAL: PD128-NI, Non-Incendive: CSA Certified and FM Approved as Non-Incendive for use in Class I , Division 2, Groups A, B, C & D; T-code: T6.

ENVIRONMENTAL:
Operating temperature range: -20 to 70˚C.
Storage temperature range: -40 to 85˚C.
Relative humidity: 0 to 90% non-condensing.

ENCLOSURE: 1/8 DIN, high impact plastic, UL 94V-0, color: black.

FRONT PANEL: NEMA 4X*, panel gasket provided.

CONNECTIONS: Removable screw terminal block.

WARRANTY: 1 year parts and labor.

*PD128-NI is not approved as NEMA 4X by FM and CSA.

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

Model	Description
PD128*	**PLC Annunciator**
PD128-6**	6-pack of PD128s
PD128-NI	Non-Incendive PLC Annunciator
PD128-NI-6**	6-Pack of PD128-NIs
PDX128G	Green LEDs (10)
PDX128Y	Yellow LEDs (10)

**Six-pack not for individual re-sale.

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

Buy a 6-Pack and Save 20%!

SIX-PACK BOX
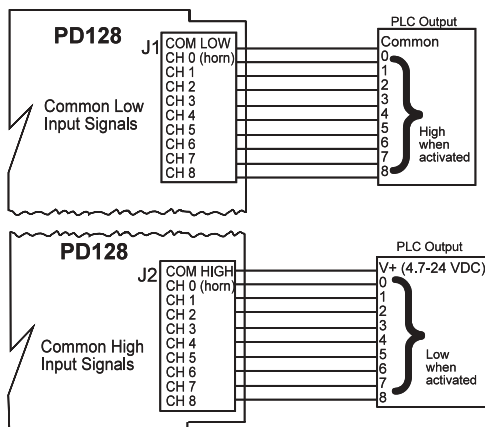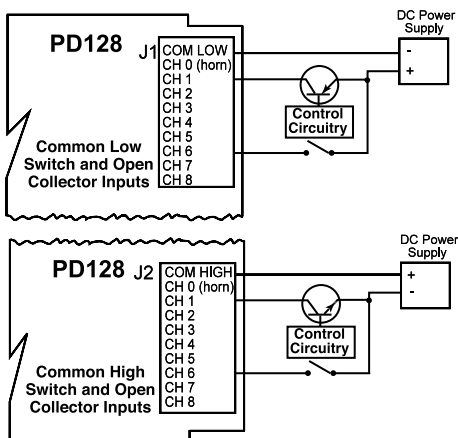
MODEL PD128 & PD128-NI PLC ANNUNCIATORS

OPERATION

The PLC Annunciator is controlled entirely by the PLC. Input connections are either made to J1 for common low input signals or J2 for common high input signals. Connections made to J1 (common low) indicate an alarm condition when the input is high (open). Connections made to J2 (common high) indicate an alarm condition when the input is low (open). Signals can not be connected to both J1 and J2 at the same time. Must be installed in a suitable equipment enclosure in accordance with ANSI/ISA S82.02.01 and S82.03.
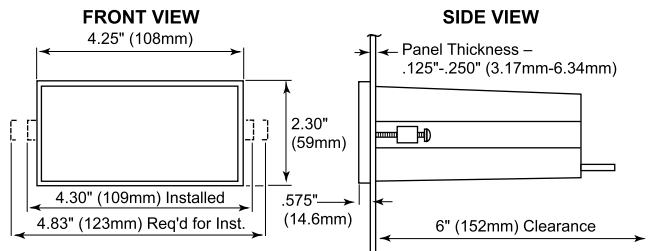
PLC Connections

Connections for Switch and Transistor Inputs

MOUNTING DIMENSIONS

Notes:
1. Panel cutout required: 1.772″ x 3.622″ (45 mm x 92 mm) 1/8 DIN
2. Panel thickness: 0.125″ - 0.250″ (3.17 mm - 6.34 mm)
3. Clearance: allow 6″ (152 mm) behind the panel
4. Weight: 8 oz (227 g)

MESSAGE LABELS

Alarm message labels for the PD128 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 on the left side and #2 is below it. #5 is the top message on the right side.) Make copies of this page for additional message labels.

———— Please include label with my order

———— I have the PD128, please send ASAP

Quantity ————————————————————

Name ————————————————————

Title ————————————————————

Company ————————————————————

Mailing Address ————————————————

City, St., Zip ————————————————

Phone ————————————————————

Fax ————————————————————

E-Mail ————————————————————

PO# ————————————————————

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.

Message Number 1

Message Number 2

Message Number 3

Message Number 4

Message Number 5

Message Number 6

Message Number 7

Message Number 8

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