

# PD3000 SERIES CUSTOMER DISPLAYS SPECIFICATIONS

## OPTICAL (FLUORESCENT DISPLAY)

Digits per Row	20
Number of Rows	2
Digit Configuration	5 x 7 Dot Matrix
Digit Height	0.20 in. (5.0mm)
Digit Width	0.14 in. (3.5mm)
Digit Pitch	0.20 in. (5.0mm)
Character Configuration	ASCII
Brightness	200 fl (690 cd/m2) max.
Display Color	Green
MTBF	300,000 hours

## ELECTRICAL

Input Power (to adapter)	120VAC, 60Hz. 220VAC, 60Hz. (optional)
Output Power (from adapter)	6.0VAC, 1000ma.
Connector	2 conductor female jack
Pole Connector	6-pin DIN (male)
Interface Cable	
Pole side connector	6-pin DIN (female)
Computer side connector	DB9 (female)
Power connector	2 conductor male jack

## ENVIRONMENTAL

Operating Temperature	0 to +50C
Storage Temperature	-20 to +70C
Relative Humidity	
Operating	85% max. non-condensing
Non-operating	90% max. non-condensing
Vibration (10 to 55 Hz.)	4 G's
Shock	40 G's

## INTERFACE

Serial	RS232C
Protocol:	
Baud Rate	600, 1200, 2400, 9600*, 19,200
Data Bit	8
Parity	None
Stop Bits	1, 2*
RTS/CTS Control lines are tied together in the connector. DSR/DCD/DTR Control lines are tied together in the connector.	

Parallel	Optional Interface
Pass-Thru	Serial, Parallel
* Preset at Factory	

## GENERAL INFORMATION

Power adapter and 6 foot cable (with DIN 5M and DB9F connectors) are supplied with product.

## POLE DISPLAY EMULATION

The PD3000 series pole display is extremely versatile. It can emulate many other pole display command sets.

## MECHANICAL

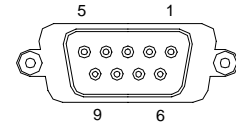
Weight	2.7 lbs.
Dimensions (in inches)	(width x height x depth)
Fluorescent Display	7.87 x 3.37 x 1.75
Rectangular Base	2.12 x 2.00 x 2.25
Base Plate	4.00 x 0.90 x 8.00
Overall Height	8 to 25 inches

## CONNECTOR PINOUT

### DB9 Female connector

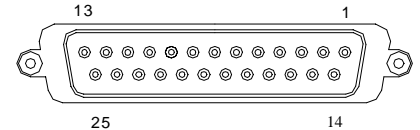
Pin #	Function
1	DCD
3	Data
4	DTR
5	Ground
6	DSR
7	RTS
8	CTS

### SERIAL



### DB25 Female connector

Pin #	Function
2	Data
7	Ground
4	RTS
5	CTS
6	DSR
8	DCD
20	DTR

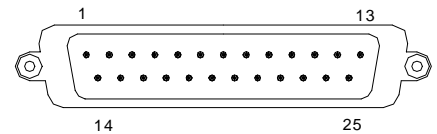


### DB25 Male connector

Pin #	Function
1	-Strobe
2	Data 0
3	Data 1
4	Data 2
5	Data 3
6	Data 4
7	Data 5
8	Data 6
9	Data 7

### PARALLEL

Pin #	Function
10	-ACK
11	Busy
12	Paper End
13	Select
14	-Auto Feed
15	-Error
16	-Initialize Printer
17	-Select Input
18-25	Ground



## ORDERING INFORMATION

