

Performance Specifications (Reference)

LCD Performance

Screen Resolution (pixels)	480 x 234
Video Standards supported	NTSC
Display Viewing Area (in)	6.07 x 3.43
Vertical Viewing Angle	+45°(up), -60°(down)
Horizontal Viewing Angle	±60°
Contrast Ratio	60 MIN
Backlight Lamp Life	10,000 hours
Screen Brightness	350 cd/m ² typ 260 cd/m ² min

Power Requirements

Nominal Voltage	28VDC
Nominal Current	.31 A
Current Max	.40 A

Environmental Specifications

Operating Temperature	0°C - 60°C
Altitude	15,000ft
Humidity	95%RH
Vibration	1.48 grms
Power Input	DO-160D Cat AB
RF Susceptibility	DO-160D Cat TT
Emission of RF Energy	DO-160D Cat B

MTBF Prediction

1,785 hours

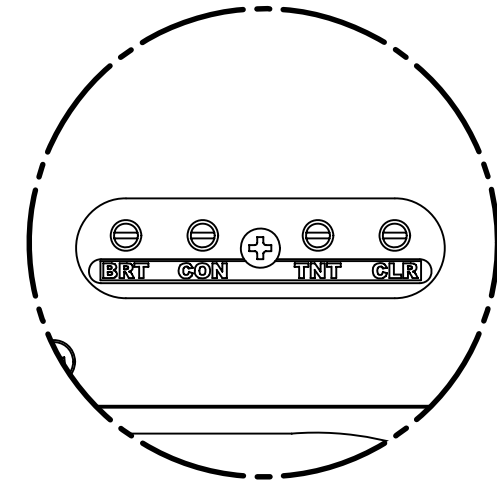
9 Pin Pinout*

Slimline Base Receptacle Model 0100-044

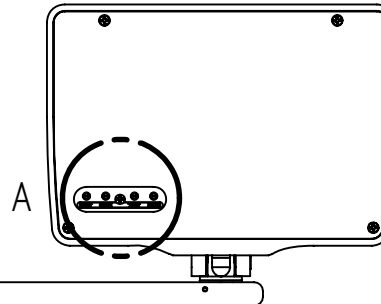
Connector: 9 Pin Male D-Subminiature
Positronic SDM0000Z

Mate: 9 Pin Female D-Subminiature
Positronic SD9F0000X

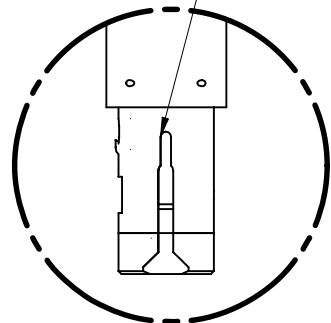
Pin #	Monitor signal
1	Reserved
2	+28V DC
3	DC Return
4	Select Switch
5	Select Switch Return
6	Reserved
7	Video Signal Input
8	Video Ground
9	Reserved



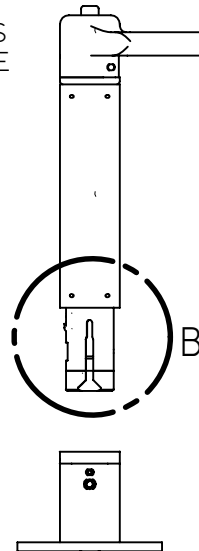
DETAIL A



KEY FEATURE WORKS
WITH 0100-044 BASE
RECEPTACLE



DETAIL B



Notes:

* BASE SOLD SEPARATELY

** FINE TUNING ADJUSTMENT OF DISPLAY AVAILABLE BY REMOVING ACCESS PANEL ON BACK OF MONITOR (DETAIL A).

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SIZE A	DWG NO 7000-038	REV D
SCALE NONE	SHEET 2 OF 2	