

SPECIFICATIONS:

- 1) TSO Compliance: TSO C129
Applicable Documents: RTCA DO-160C, DO-208
- 2) Operating Temperature Range: -55°C to +70°C
- 3) Humidity: 95% Non-Condensing.
- 4) Altitude Range: 0 to 55,000 ft.
- 5) Vibration: Cat. M and N.
- 6) Operational Shock: Rigid Mounting, 6G Operational
15G Crash Safety.
- 7) Current: 0.30 Amps typical.
- 8) Controls:
 - NAV/GPS: Alternate action switch.
 - GPS/APR: Momentary switch.
 - OBS/LEG: Momentary switch.
- 9) Annunciations and colors:
 - NAV: white.
 - GPS: green.
 - MSG: amber.
 - ARM: white.
 - ACTV: green.
 - WPT: amber.
 - LEG: green.
 - OBS: white.
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

25 PIN MALE
D-SUB CONNECTOR

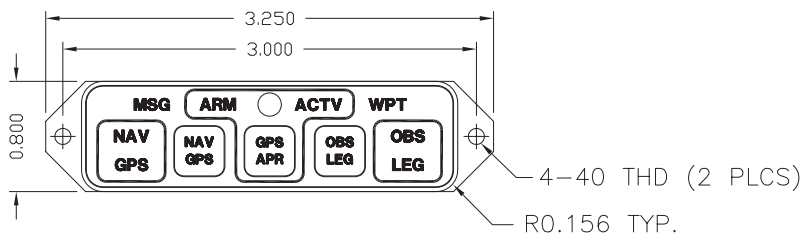
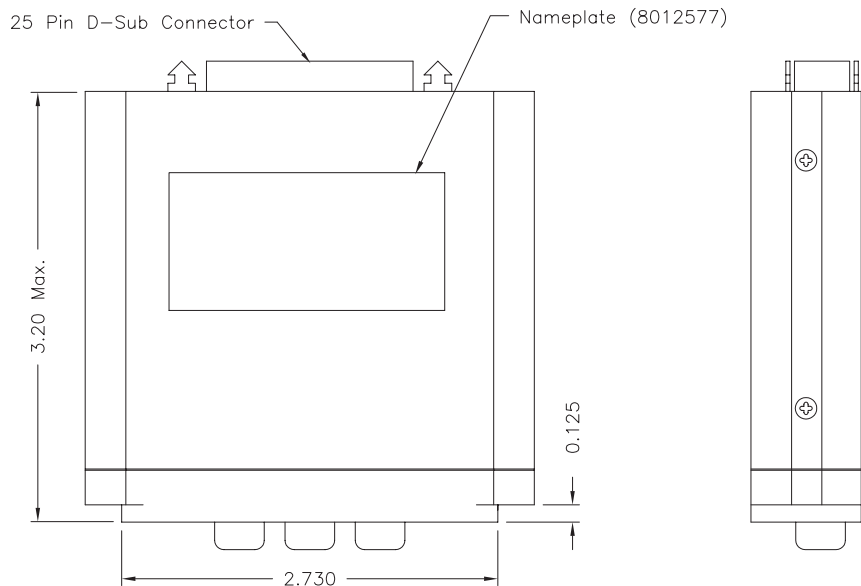
LEG ANN	24
OBS ANN	23
SPARE	11
ACTV ANN	8
WPT ANN	9
MSG ANN	3
ARM ANN	4
NAV ANN	2
GPS ANN	1
GPS DISPLAY	16
LAMP TEST	7
OBS HOLD	10
ILS ENERGIZE	15
EXTERNAL RELAY ENERGIZE	14
GPS APPR ARM SELECT	6
NAV CIRCUIT BKR	12
28VDC POWER	13
GROUND	25
5V DIMMER IN	5

NOTE:

- 1) Refer to manual number 8012528 for installation information.
- 2) Mating Connector Kit: Positronic RD25F10JVL0 (Mid-Continent 7014517)

Revisions				
ECO	Rev.	Description	Date	Approved
3256	A	0.125 was 0.08. Rearrange drawing	6/4/03	DDT/ScH

Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.



Horizontal Mount

This document discloses proprietary information of Mid-Continent Instrument Co., Inc. It may be reproduced or disclosed only with written permission of Mid-Continent Instrument Co., Inc and is not to be used in any way detrimental to the interests of Mid-Continent Instrument Co., Inc.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCE: FRACTIONAL = ± 1/64 .XX = ± 0.020 .XXX = ± 0.010 .XXXX = ± 0.002 ANGULAR = ± 0.5° CONCENTRICITY: .005 TIR BREAK ALL SHARP EDGES THREADS PER MIL-S-7742	DRAWN	J. Reed	11/27/01		TITLE: ANNUNCIATION CONTROL UNIT PART NUMBER: MD41-1928(5V)
	APPROVED	ScH	11/27/01		
	TOP LEVEL ASSY:	9010414-3			SCALE: None
	USED ON:				
SURFACE ROUGHNESS	CODE IDENT. NO.:	59742		SHEET 1 of 1	