

B-2000-0165-2	
SYM	REVISIONS
A	Released for Production
APPROVED	DATE
SAM	11/08/02

NOTES: (UNLESS OTHERWISE SPECIFIED)

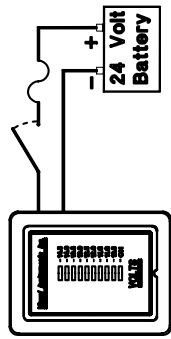
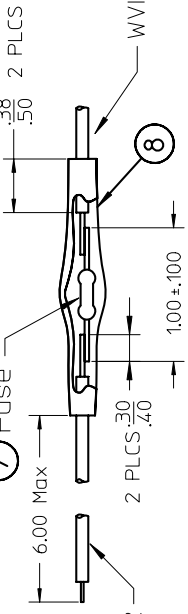
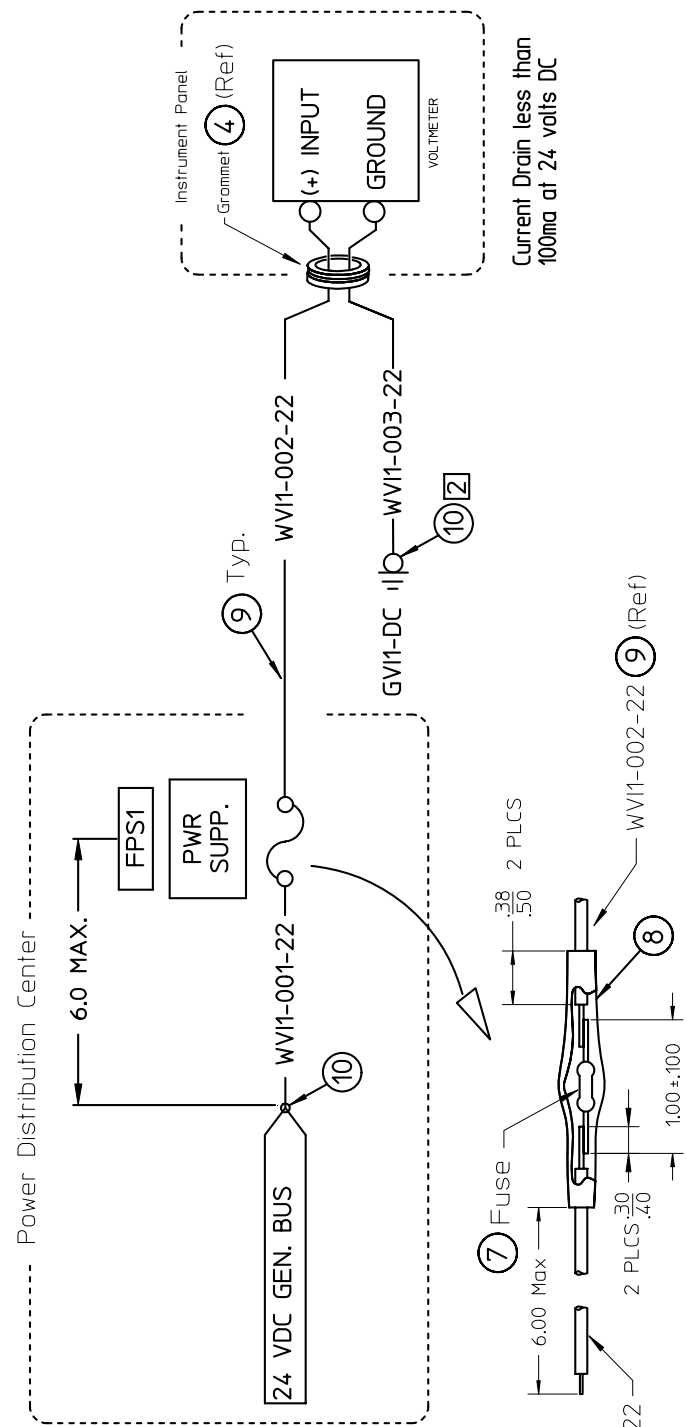
1. Using the 2 self-lapping screws, mount the meter in a suitable location, preferably out of direct sunlight. Make sure the appropriate engraved word "TOP" (dependent on vertical or horizontal installation) is located up.

2. Build up ground stud per AC43.13-1b Chapter 11, Section 15.

3. Route wires as shown per AC 43.13-1b Chapter 11, section 9 and 11. Paying specific attention to the following details:

- Pick-up existing wire runs by opening existing clamps and utilizing nylon tie wraps to secure new wires to parent harness.
- The final harness should be neat in appearance - all wires should be Parallel. Breakouts will have support before and after departure from parent harness.
- Inspect and verify that the new wires cannot be manually deflected into any structure with a bend radius of less than .125 inches
- Wires will not be routed within 6" of fluid carrying lines. If this is not possible, install wires per AC 43.13-1b Chapter 11, Paragraph 11-126

4. Affix the appropriate label (vertical or horizontal). Peel off the clear protective top layer.



Simplified Schematic

Typical Installation

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Current Drain less than 100ma at 24 volts DC

10	2	Ring Terminal #8	2000-5012	B-2000-5012-1
9	A/R	22 Gage wire Mil.Spec Mil-W-22759/16	2000-5007	B-2000-5007-1
8	A/R	Shrink Tubing 1/8 dia	2000-5006	B-2000-5006-1
7	1	Fuse 2 Amp 125 V Axial	2000-5005	B-2000-5005-1
ITEM QTY:		PART/MATERIAL-DESCRIPTION	Visual Part Number	Control Drawing Number
Steve Mahoney		03/07/96	Visual	
DRAWN BY		DATE	Instruments Inc	
Steve Mahoney		03/07/96	PART NUMBER 2000-0165	
ENGINEER/CHECKER			TITLE	
RELEASE TO PROD.			24V Voltmeter Installation	
'2000-0165-2_revA.m			X .75 SCALE	
FILE			2 SHEET OF	
			B-2000-0165-2	