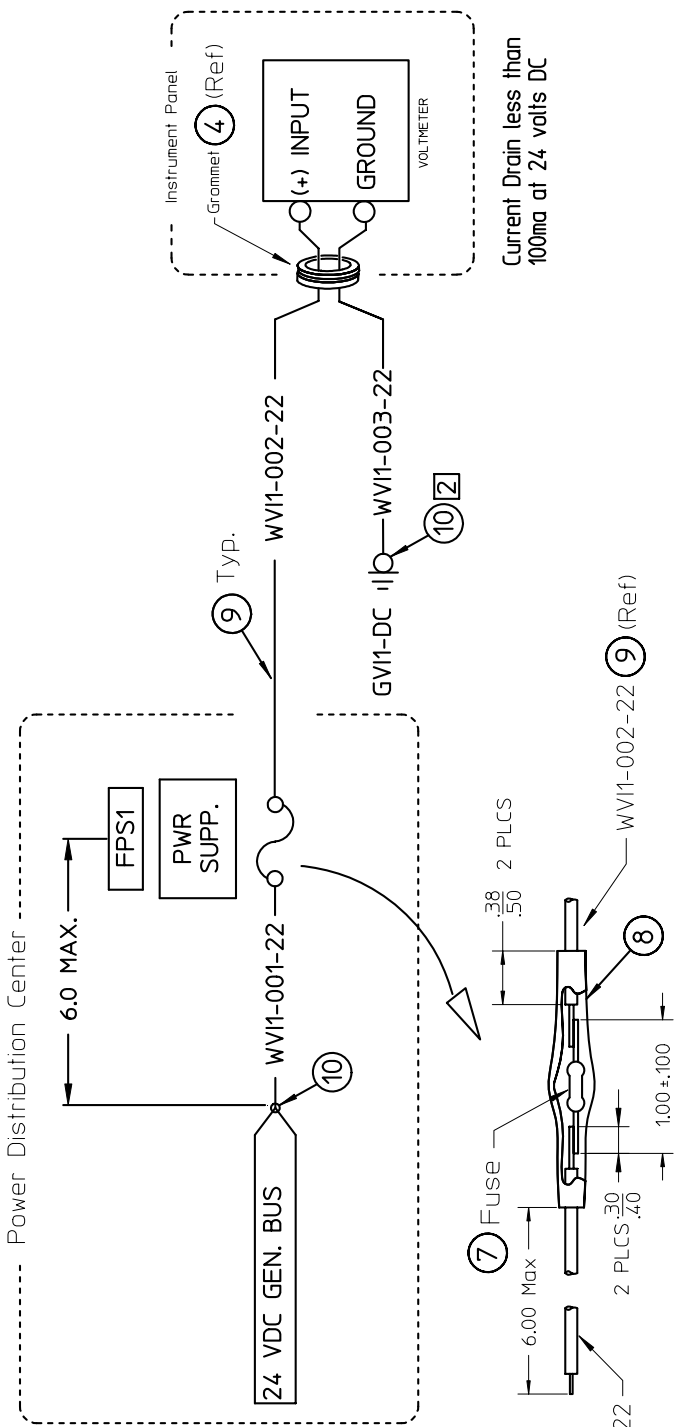


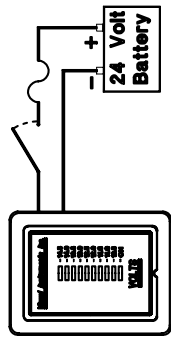
B-2000-0165-2	
SYM	REVISIONS
A	Released for Production
APPROVED	DATE
SAM	11/08/02

NOTES: (UNLESS OTHERWISE SPECIFIED)

- 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.
- Build up ground stud per AC4313-1b Chapter 11, Section 15.
- Route wires as shown per AC 4313-1b 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 4313-1b Chapter 11, Paragraph 11-126
- Affix the appropriate label (vertical or horizontal). Peel off the clear protective top layer.



Current Drain less than 100ma at 24 volts DC



Simplified Schematic

Typical Installation

THIS DOCUMENT CONTAINS CONFIDENTIAL, PROPRIETARY INFORMATION THAT IS VISUAL INSTRUMENTS (VI) PROPERTY. DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY VI.

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	