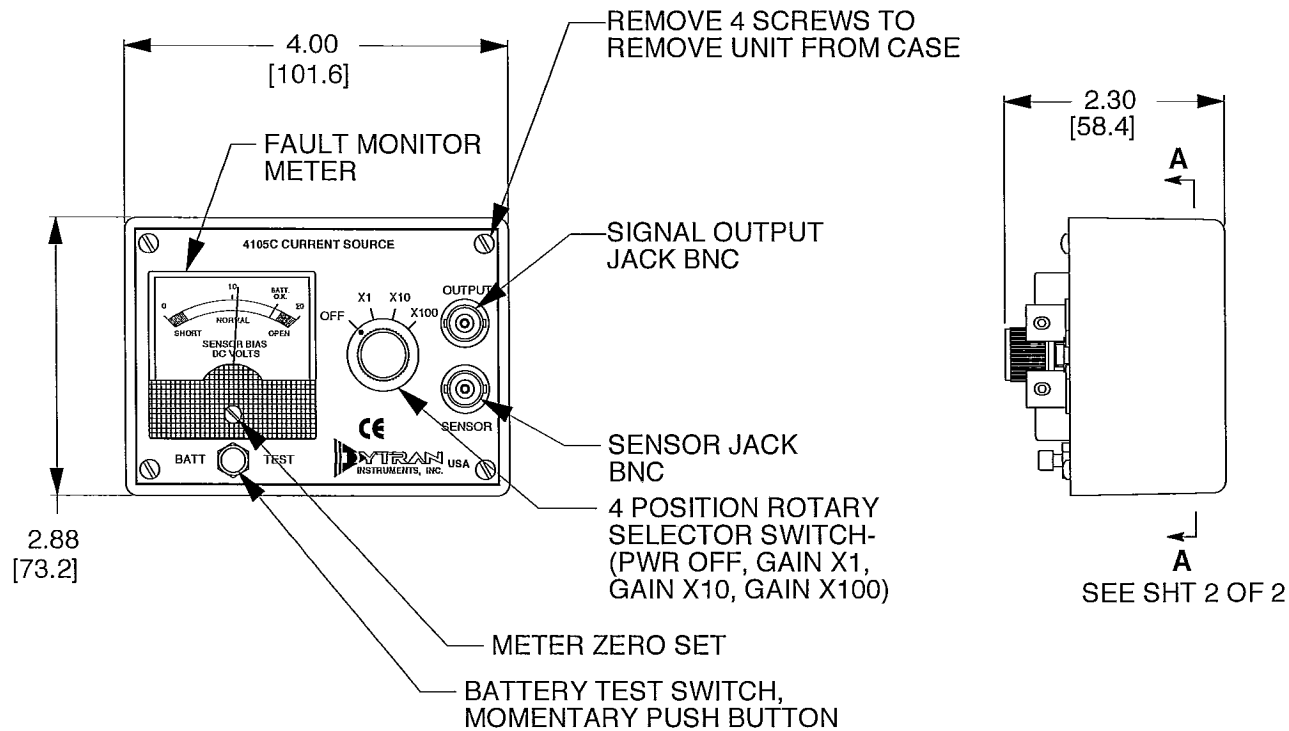


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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9526	SEE ECN	RA, 01/21/13	<i>RA</i>	<i>AS</i>



2. VOLTAGE AT "BATT. O.K." MARK IS 17 VDC.
1. WEIGHT - 312 GRAMS (11 oz.).

NOTES: UNLESS OTHERWISE SPECIFIED

		UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M-1994.REMOVE BURRS COUNTERSINKS INTERNAL THDS 90° TO MAJOR DIA CHAM EXT THDS 45° TO MAJOR DIA. THD LENGTHS AND DEPTHS ARE FOR THDS PER MIL-S- 7742. DIMENSIONS APPLY AFTER FINISHING.		CONTRACT NO	
		ALL MACHINED SURFACES TOTAL RUNOUT WITHIN .005 BREAK SHARP EDGES .005 TO .010 MACHINE FILLET RAD. .005 TO .015. WELDING SYMBOLS PER AWS A2.4 ABBREVIATIONS PER MIL-STD-12		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSION IN BRACKETS () ARE IN MILLIMETERS. TOLERANCES ARE: INCHES METRIC ANGLES .XX ±.03 .X ± 0.8 ± 1° .XXX ±.010 .XX ± 0.25	
USED ON		NEXT ASSY		FINISH	
APPLICATION				DO NOT SCALE DRAWING	
THIRD ANGLE PROJECTION USA					

		MASTER ONLY IF IN RED		CHATSWORTH, CA.	
SCALE 1/2	DESIGN NC	DATE 05/21/96			
DRAWN DZ	DATE 05/21/96	PART NO.	MODEL 4105C		
CHECKED NC	DATE 05/21/96	MAT'L	-		
APPROVED PML	DATE 3/28/05	NEXT ASSEMBLY	-		
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 4105C		USED ON		-	
		DWG NO.		127-4105C	
		SHEET 1		OF 2	

SPECIFICATIONS
MODEL 4105C BATTERY POWERED CURRENT SOURCE
POWER UNIT WITH GAIN X1, X10 & X100 AND OPTIONAL 2-POLE FILTER

SPECIFICATIONS	VALUE	UNITS
SENSOR SUPPLY CURRENT, FIXED	1.4 to 2.6	mA
SENSOR COMPLIANCE VOLTAGE	+18	VDC
VOLTAGE GAINS, $\pm 1\%$ (switch selectable)	x1, x10, x100	
OUTPUT VOLTAGE SWING, F.S.	± 5	VOLTS
OUTPUT COUPLING CAPACITOR	10	μ F
OUTPUT IMPEDANCE	50	OHMS
INPUT COUPLING TIME CONSTANT	5	SECONDS
FREQUENCY RESPONSE (± 3 dB) MEASURED @ F.S. OUTPUT, NO FILTER INSTALLED: [1]		
GAIN X1	.1 to 100K	Hz
GAIN X10	.1 to 50K	Hz
GAIN X 100	.1 to 50K	Hz
BACKGROUND NOISE, BROADBAND, NO FILTER		
GAIN X 1	0.32	mV RMS
GAIN X 10	0.44	mV RMS
GAIN X 100	2.4	mV RMS
SENSOR CONNECTOR	BNC	JACK
OUTPUT CONNECTOR,	BNC	JACK
BATTERIES (2 SUPPLIED)	9-VOLT TRANSISTOR RADIO DRY CELLS	
BATTERY LIFE, NOMINAL	40	HOURS
SIZE (H x W x D)	2.2 x 4 x 2.9	INCHES
WEIGHT	11/312	OZ/GRAM

[1] FILTER OPTION: FILTER FREQUENCY MUST BE SPECIFIED AT TIME OF PURCHASE. FILTER MAY BE BYPASSED BY JUMPER PLUG ON CIRCUIT BOARD.