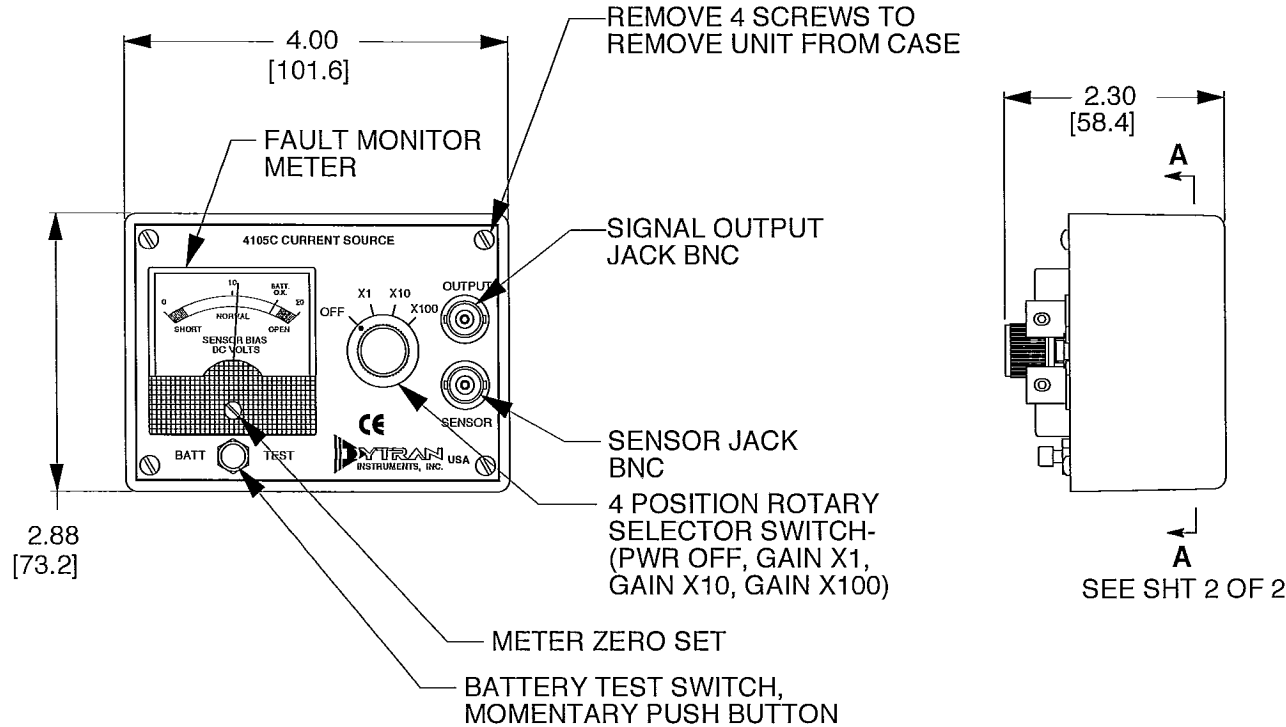


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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9526	SEE ECN	RA, 01/21/13	<i>RA</i>	<i>AS</i>



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.TH D LENGTHS AND DEPTHS ARE FOR THDS PER MIL-S- 7742. DIMENSIONS APPLY AFTER FINISHING.		CONTRACT NO		MASTER ONLY IF IN RED CHATSWORTH, CA.	
ALL MACHINED SURFACES ⁶³ 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		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 - REV A APPROVED PML DATE 3/28/05 NEXT ASSEMBLY - USED ON -	
FINISH		TITLE		DWG NO.	
DO NOT SCALE DRAWING		OUTLINE/INSTALLATION DRAWING, MODEL 4105C		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.