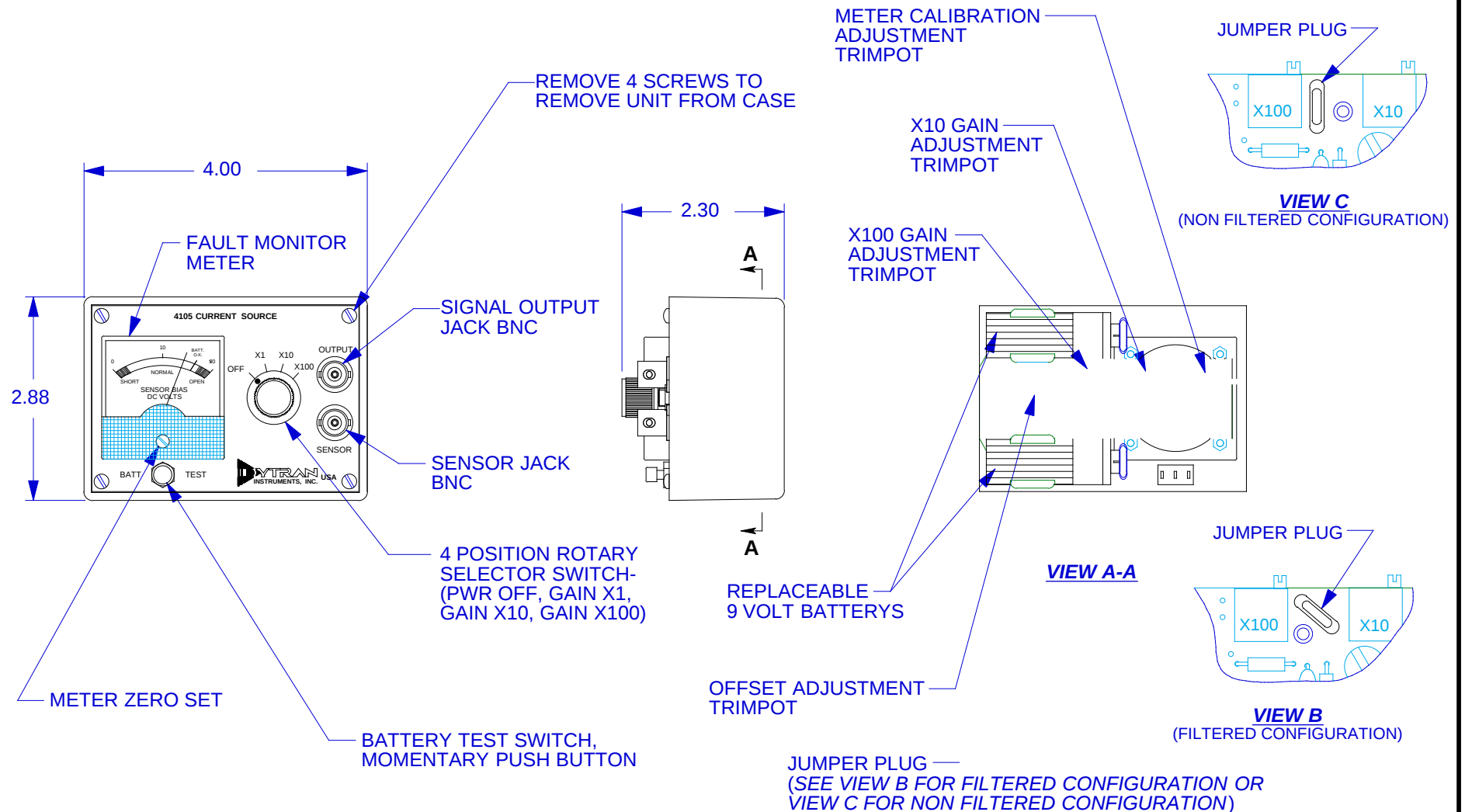




2. VOLTAGE AT "BATT. O.K." MARK IS 17 VDC.

1. WEIGHT - 312 GRAMS (11 oz.).

ALL PART NUMBER LETTERSUFFIXES ARE TO BE INTERPRETED AS FOLLOWS:
I.E. - 107-0000-01 (X)

M - MACHINED ONLY (UNPLATED) G - MATERIAL HAS BEEN GRAINED
P - PLATED/PAINTED S - MATERIAL HAS BEEN SAWCUT
H - HEAT TREATED E - ENVIRONMENTAL TEST

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX = ± .XX = ±
SURFACE FINISH EXCEPT AS NOTED ✓
BREAK EDGES TO DEBURR
RADIUS OR CHAMFER

THESE DIAS TO T.I.R.

FILLETS - MAX RAD.

DIYTRAN
INSTRUMENTS, INC.

CHATSWORTH, CA.

SCALE 1/2		REV -	DATE -	ECN -		
DATE 5/21/96		PART NO.		MODEL 4105C		
DRAWN D.Z.	CHECKED N.C	MAT'L				
APPROVED		NEXT ASSEMBLY			USED ON 4105C	
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 4105C					DWG NO. 127-4105C	
					SHEET 1 OF 1	

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, +/- 1% (switch selectable)	x1, x10, x100	
OUTPUT VOLTAGE SWING, F.S.	+/- 5	VOLTS
OUTPUT COUPLING CAPACITOR	10	uF
OUTPUT IMPEDANCE	50	OHMS
INPUT COUPLING TIME CONSTANT	5	SECONDS
FREQUENCY RESPONSE ($\pm 5\%$) 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
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.