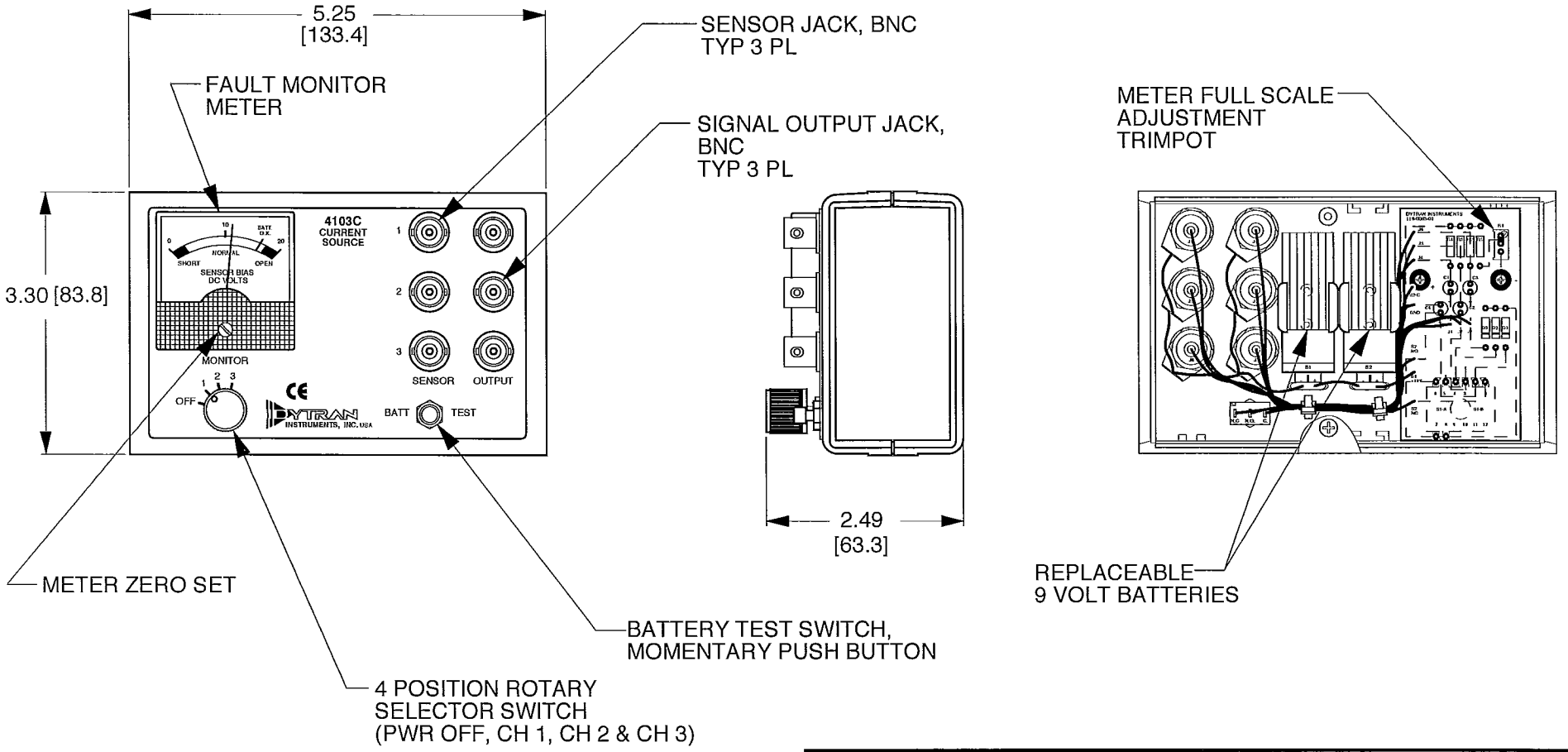
REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9482	UPDATED VIEW OF FRONT PANEL TO SHOW CE MARKING	RLA 1/10/13	JS	



2. VOLTAGE AT "BATT O.K." MARK IS 17 VDC.
1. WEIGHT - 340 GRAMS (12 OZ.)

DYTRAN INSTRUMENTS, INC.

MASTER
ONLY IF IN RED

CHATSWORTH, CA.

SCALE 1/2X	REV -	DATE SEE REV BLK	ECN -		
DATE 7/7/98	PART NO.				
DRAWN N.C. / CHECKED N.C.	MAT'L				
APPROVED NC 8/31/01	NEXT ASSEMBLY		USED ON		
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 4103C			DWG NO. 127-4103C		
			SHEET 1 OF 1		

SPECIFICATIONS

MODEL 4103C 3-CHANNEL CURRENT SOURCE POWER UNIT, BATTERY POWERED

SPECIFICATION	VALUE	UNITS
COMMON SPECIFICATIONS, EACH CHANNEL		
SENSOR SUPPLY CURRENT, FIXED,	2.0	mA
COMPLIANCE VOLTAGE	+18	VDC
VOLTAGE GAIN	UNITY	
COUPLING TIME CONSTANT INTO 10 MEGOHM LOAD	10	SEC
COUPLING TIME CONSTANT INTO 1 MEGOHM LOAD	5	SEC
LOW FREQUENCY -3db FREQ., 10 MEGOHM LOAD	0.016	Hz
LOW FREQUENCY -3db FREQ., 1 MEGOHM LOAD	.032	Hz
HIGH FREQUENCY RESPONSE	DETERMINED BY SENSOR, CABLE LENGTH AND SIGNAL LEVEL	
COUPLING CAPACITOR, NOM.	10	µF
PULLDOWN RESISTOR	1.0	MEGOHMS
MONITOR VOLTMETER RANGE, F.S.	20	VDC
ELECTRICAL NOISE, WIDEBAND	60	µV, RMS
SENSOR CONNECTOR	BNC	JACK
OUTPUT CONNECTOR	BNC	JACK
GENERAL SPECIFICATIONS		
POWER SOURCE ⚠1	9 VOLT BATTERIES	2
BATTERY LIFE, TYP.	40	HOURS
SIZE (H x W x D)	2.5 x 5.2 x 3.3	INCHES
WEIGHT	12	OUNCES

⚠1 Any type of transistor radio 9-Volt battery may be use to power the 4103C. However, longest battery life will be obtained by use of high grade alkaline type batteries.