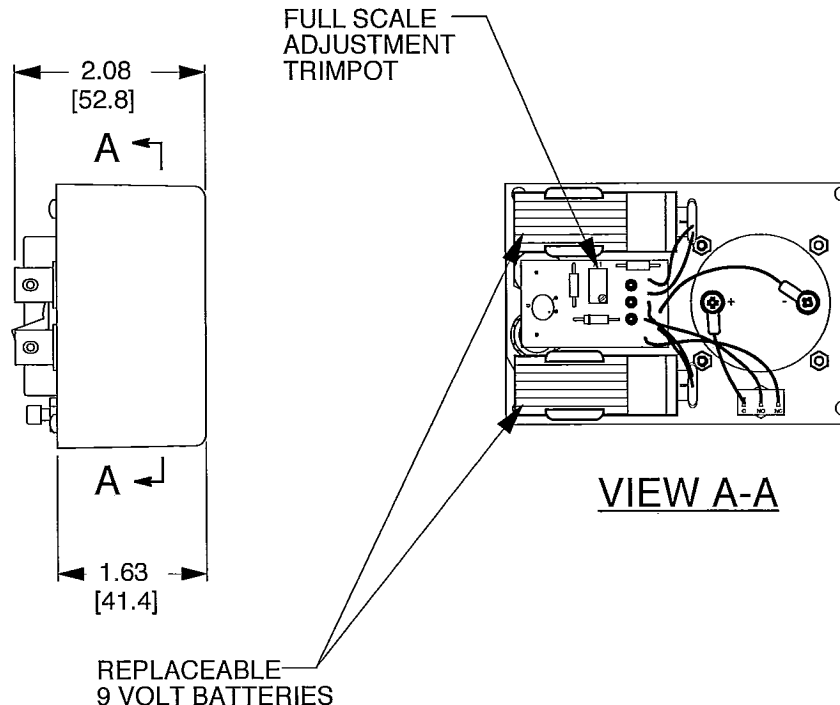
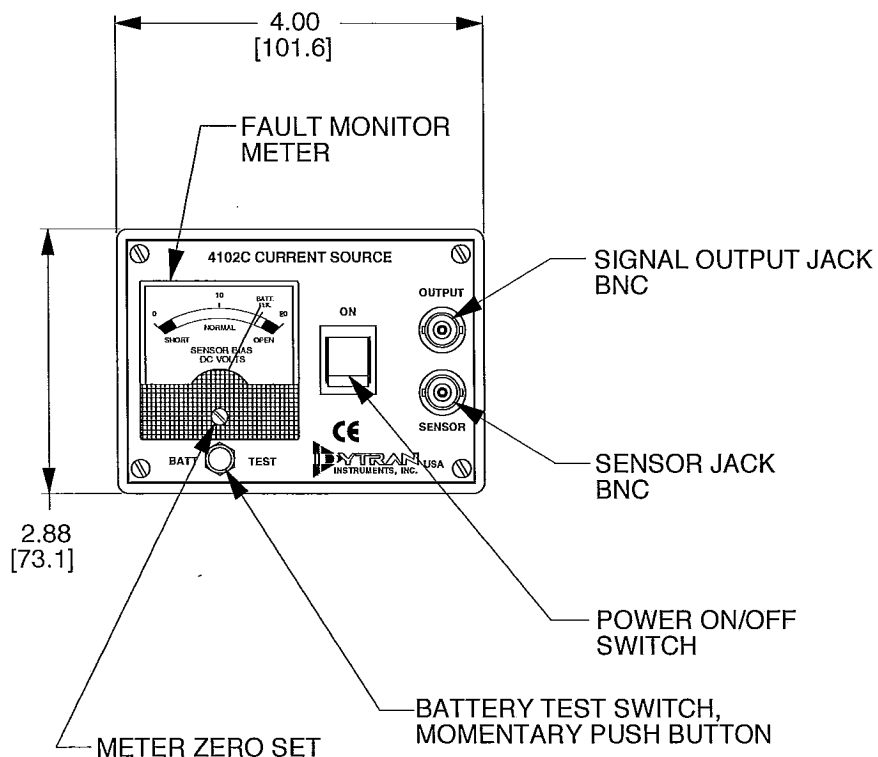


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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9527	INITIAL RELEASE	RA, 01/17/13	91	72



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

1. WEIGHT - 279 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.	
ALL MACHINED SURFACES ⁶³ ✓ TOTAL RUNOUT WITHIN .005 BREAK SHARP EDGES .005 TO .010 MACHINE FILLET RADI .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	
FINISH		DO NOT SCALE DRAWING	

SCALE 1/2X DESIGN NC DATE 01/16/13		PART NO. MODEL 4102C	
DRAWN RA DATE 01/16/13		MAT'L -	
CHECKED DATE		NEXT ASSEMBLY	
APPROVED DV DATE 2/5/13		USED ON	
TITLE OUTLINE/INSTALLATION, MODEL 4102C		DWG NO. 127-4102C	
SHEET 1 OF 1		CHATSWORTH, CA.	

Model Number 4102C		PERFORMANCE SPECIFICATIONS				DOC NO PS4102C	
		Current Source Power Unit				REV A, ECN 13446, 05/03/17	
		• BATTERY POWERED CURRENT SOURCE • COMPACT AND PORTABLE					
PHYSICAL		ENGLISH		SI			
Weight, Max		11	oz.	312	grams		
Size (Height x Width x Depth)		2.0 x 4.0 x 3.0	in	51 x 102 x 76	mm		
Sensor Connector		BNC Jack		BNC Jack			
Output Connector		BNC Jack		BNC Jack			
PERFORMANCE							
Voltage Gain		N/A		N/A			
Low Frequency Response, -3dB	10 MΩ Load	0.016	Hz	0.016	Hz		
Low Frequency Response, -3dB	1 MΩ Load	0.032	Hz	0.032	Hz		
High Frequency Response		[1]	Hz	[1]	Hz		
Broadband Noise		60	μV, RMS	60	μV, RMS		
Temperature Range		+32 to +122	°F	0 to +50	°C		
Coupling Time Constant	10 MΩ Load	10	sec.	10	sec.		
Coupling Time Constant	1 MΩ Load	5	sec.	5	sec.		
Monitor Voltmeter Range, F.S.		20	VDC	20	VDC		
Coupling Capacitor, Nom.		10	μF	10	μF		
Pulldown Resistor		1	MΩ	1	MΩ		
ELECTRICAL							
Power Source [2]		Two 9-Volt		Two 9-Volt			
Battery Life, Typ.		80	hrs.	80	hrs.		
Sensor Supply Current, Fixed		2.0	mA	2.0	mA		
Sensor Compliance Voltage		+18	VDC	+18	VDC		

This family also includes:

Model	Sensitivity (mV/g)	Frequency Response (Hz)	Time Constant (Sec)	Operating Temp (°F)

Refer to the performance specifications of the products in this family for detailed description

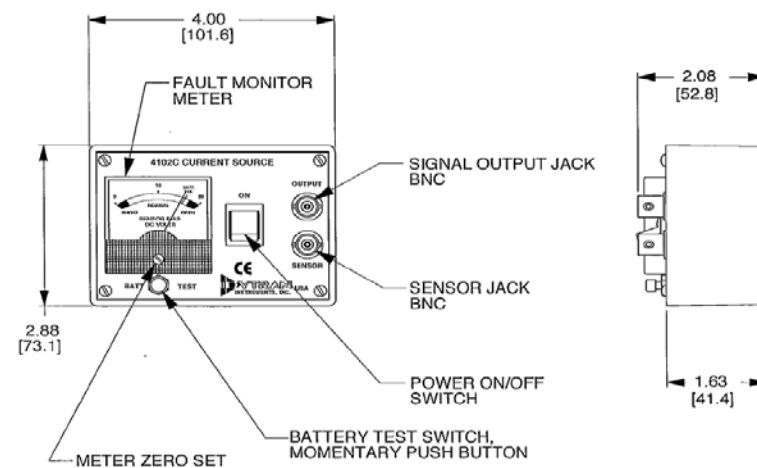
Supplied Accessories:

1) Accredited calibration certificate (ISO 17025)

Notes:

[1] Determined by sensor, cable length, and signal level.

[2] Any type of transistor radio 9-Volt battery may be used to power the 4102C. However, the longest battery life will be obtained by use of high-grade alkaline type batteries, 2 supplied.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-4102C for more information.



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