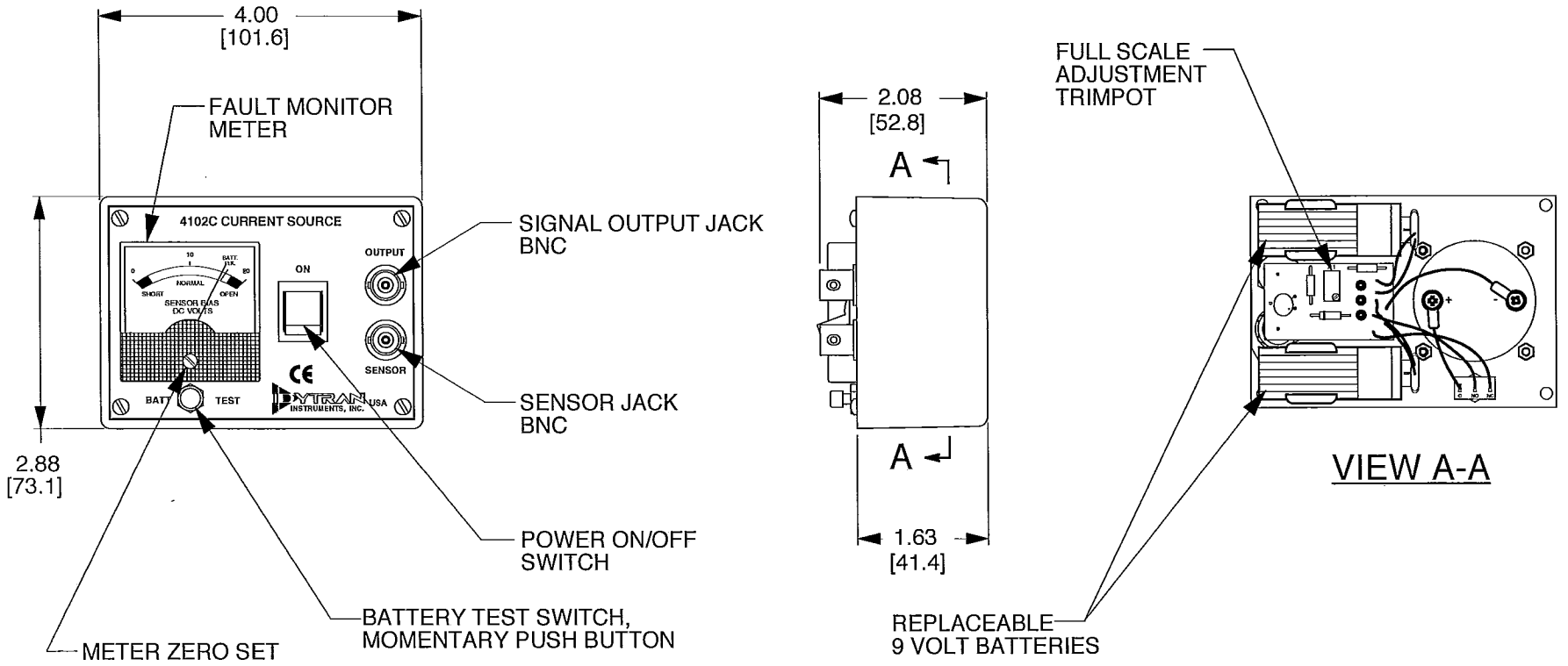
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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9527	INITIAL RELEASE	RA, 01/17/13	91	DV



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

1. WEIGHT - 279 GRAMS (11 oz.).

NOTES: UNLESS OTHERWISE SPECIFIED

USED ON	NEXT ASSY

APPLICATION

THIRD ANGLE PROJECTION USA

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.

63

ALL MACHINED SURFACES 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

CONTRACT NO

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

DYTRAN INSTRUMENTS, INC. CHATSWORTH, CA.

MASTER
ONLY IF IN RED

SCALE 1/2X	DESIGN NC	DATE 01/16/13			
DRAWN RA	DATE 01/16/13	PART NO. MODEL 4102C			
CHECKED	DATE	MAT'L -			REV A
APPROVED DV	DATE 2/5/13	NEXT ASSEMBLY -	USED ON -		

TITLE
OUTLINE/INSTALLATION, MODEL 4102C

DWG NO.
127-4102C

SHEET 1 OF 1

Model Number	PERFORMANCE SPECIFICATIONS	DOC NO
4102C		PS4102C
	Current Source Power Unit	REV A, ECN 13446, 05/03/17



- **BATTERY POWERED CURRENT SOURCE**
- **COMPACT AND PORTABLE**

		ENGLISH		SI	
PHYSICAL					
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

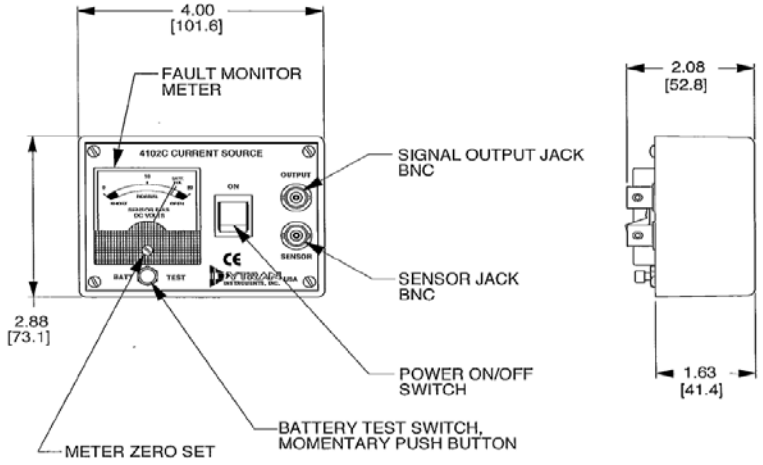
Supplied Accessories:

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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