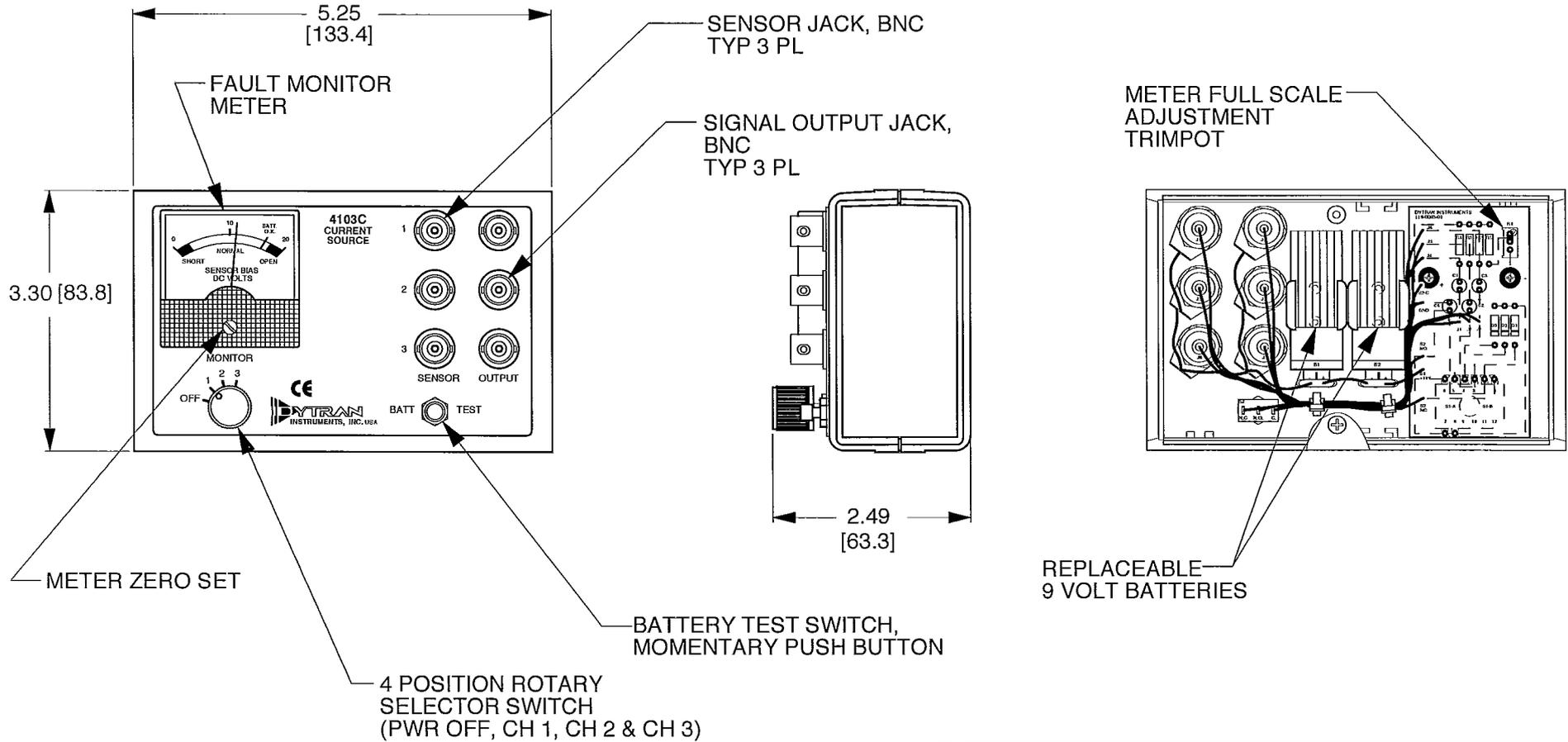


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9482	UPDATED VIEW OF FRONT PANEL TO SHOW CE MARKING	RLA 1/10/13	JS	



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

1. WEIGHT - 340 GRAMS (12 OZ.)

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

	3- CHANNEL BATTERY-POWERED CURRENT SOURCE	REV B, ECN 15131, 06/07/19
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- 3 CHANNEL
- BATTERY POWERED

PHYSICAL
 Weight (Including Batteries), Max
 Size (Height x Width x Depth)
 Electrical Connector (Sensor, Connector)
 Electrical Connector (Output, Connector)

ENGLISH		SI	
14.0	oz	400	grams
2.5 x 5.3 x 3.3	in	6.4 x 13.5 x 8.4	cm
BNC Jack		BNC Jack	
BNC Jack		BNC Jack	

PERFORMANCE (SYSTEM)
 Channels
 Low Frequency, -3db, 10 MΩ Load
 Low Frequency -3db, 1 MΩ Load
 High Frequency Response
 Voltage Gain, ± 2%
 Monitor Voltmeter Range

3		3	
0.016	Hz	0.016	Hz
0.32	Hz	0.32	Hz
[2]	Hz	[2]	Hz
1:1		1:1	
20	VDC	20	VDC

ENVIRONMENTAL
 Temperature Range

32 to 122	°F	0 to 50	°C
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ELECTRICAL
 Compliance Voltage Range
 Sensor Supply Current
 Coupling Time Constant, 10 MΩ load
 Coupling Time Constant, 1 MΩ load
 Coupling Capacitor
 Pull-down Resistor
 Electrical Noise, Wideband
 Internal Battery (Type)
 Internal Battery (Quantity)
 Battery Life, Typ.

16 to 20	VDC	16 to 20	VDC
2 to 5	mA	2 to 5	mA
10	Sec	10	Sec
5	Sec	5	Sec
10	μF	10	μF
1	MΩ	1	MΩ
60	μV, RMS	60	μV, RMS
9	VDC	9	VDC
2		2	
80	hours	80	hours

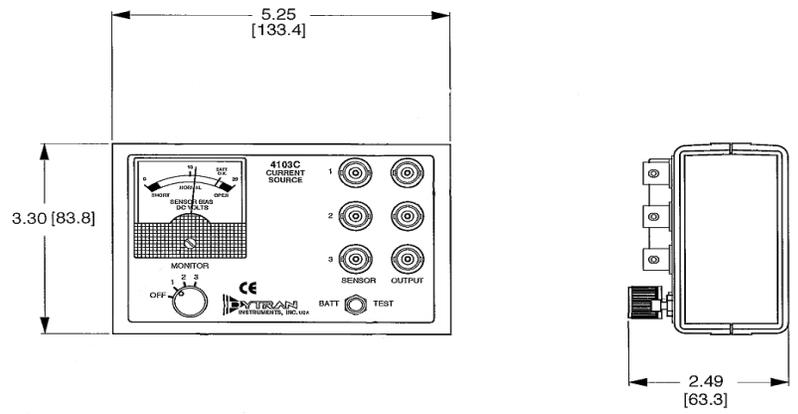
This family also includes:

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] In the interest of constant product improvement, we reserve the right to change specifications without notice.
 [2] Determined by sensor, cable length and signal level.
 [3] In the interest of constant product improvement, we reserve the rights to change the specifications without notice.
 It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary overtime. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-4103C for more information.

