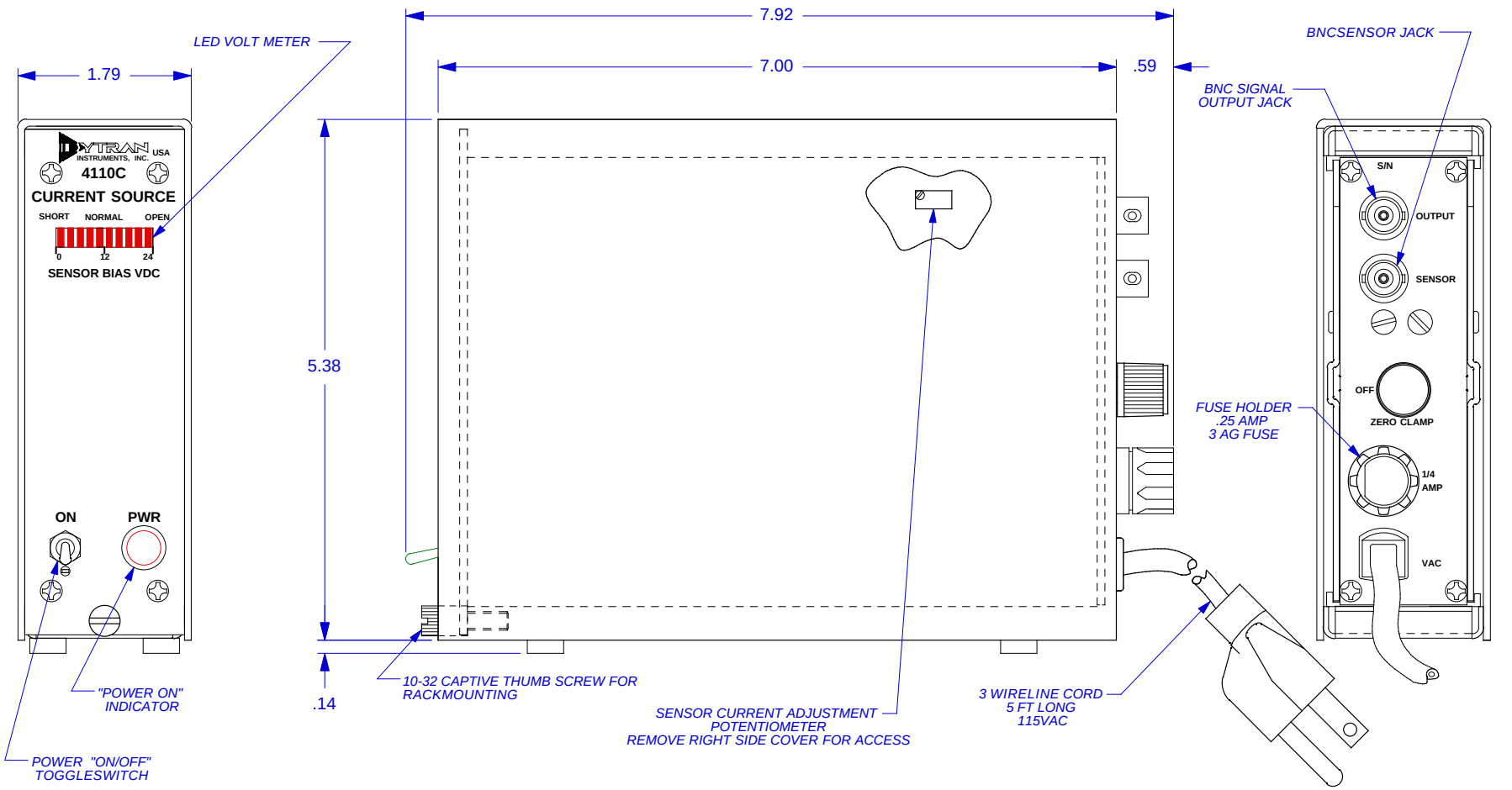

1. WEIGHT - 1.55 LBS.

ALL PART NUMBER LETTERSUFFIXES ARE TOBE INTERPRETED ASFOLLOWS:
I.E. - 107-0000-00 (X)
M - PART TO BE MACHINED **ONLY** (UNPLATED)
P - PART TO BE PLATED/PAINTED
H - PART TO BE HEAT TREATED
G - MATERIAL HAS BEEN GRAINED
S - MATERIAL HAS BEEN SAWCUT
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.

DYTRAN INSTRUMENTS, INC. CHATSWORTH, CA.

SCALE 1X	REV -	DATE -	ECN		
DATE 5/23/96	PART NO.				
DRAWN D.Z.	CHECKED N.C	MAT'L			
APPROVED	NEXT ASSEMBLY		USED ON 4110C		

TITLE
OUTLINE/INSTALLATION DRAWING, MODEL 4110C

DWG NO. **127-4110C**

SHEET 1 OF 1

SPECIFICATIONS
MODELS 4110C SINGLE CHANNEL & 4114B 4-CHANNEL LIVM
LINE-POWERED CURRENT SOURCE POWER UNITS

SPECIFICATIONS		VALUE	UNITS
SENSOR DRIVE CURRENT ADJUSTMENT RANGE		2 to 20	mA
COMPLIANCE (SUPPLY) VOLTAGE		+24	VDC
VOLTAGE GAIN		1	UNITY
DE-COUPLING CAPACITOR		10	µF
PULLDOWN RESISTOR		1	MEGOHM
COUPLING TIME CONSTANT, NO LOAD		10	SECONDS
W/1 MEGOHM LOAD		1	SECONDS
LOWER -3db FREQUENCY, NO LOAD		.016	Hz
W/1 MEGOHM LOAD		.03	Hz
HIGH FREQUENCY RESPONSE:		DETERMINED BY SENSOR, CABLE LENGTH AND SENSOR DRIVE CURRENT.	
BACKGROUND ELECTRICAL NOISE, WIDEBAND		150	µV RMS
SENSOR CONNECTOR, REAR PANEL,	MODEL 4110C	BNC	JACK
	MODEL 4114B	10-32 (4)	JACK
OUTPUT CONNECTOR, REAR PANEL,	ALL MODELS	BNC	JACK
POWER CORD, 3-WIRE W/GND		6	FT
POWER REQUIRED: [1]			
MODEL 4110C		1.1	VA
MODEL 4114		4.4	VA
SIZE, H x W x D [2]	BOTH MODELS	5.5 x 1.6 x 8.0	IN
WEIGHT	BOTH MODELS	32/907	OZ/GRAMS

[1] 115 VAC, 50-60 Hz FOR STANDARD MODELS. EXPORT ["E"] VERSIONS REQUIRE 230 VAC, 50-60Hz.

[2] RACK MOUNTING: UP TO 10 UNITS MAY BE MOUNTED IN 19 IN. WIDE MODEL 4200 RACK ADAPTOR. UNIT IS SECURED IN RACK BY MEANS OF A CAPTIVATED 10-32 THUMB SCREW AT THE BOTTOM OF THE FRONT PANEL.