



DYTRAN INSTRUMENTS, INC.		CHATSWORTH, CA.	
SCALE	1X	REV	-
DATE	1/5/2000	DATE	-
DRAWN	R.A.	CHECKED	N.C.
APPROVED		MAT'L	
NEXT ASSEMBLY		USED ON	4114B1
TITLE			DWG NO.
OUTLINE INSTALLATION DRAWING, MODEL 4114B1			127-4114B1
SHEET			1 OF 1

SPECIFICATIONS

MODEL 4114B1 4-CHANNEL LIVM LINE-POWERED CURRENT SOURCE POWER UNIT

with BNC SENSOR AND OUTPUT CONNECTORS

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,	BNC	JACK
OUTPUT CONNECTOR, REAR PANEL,	BNC	JACK
POWER CORD, 3-WIRE W/GND	6	FT
POWER REQUIRED: [1]	4.4	VA
SIZE, H x W x D [2]	5.5 x 1.6 x 8.0	IN
WEIGHT	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.