

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF  
DYTRAN INSTRUMENTS INC. ANY REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF DYTRAN INSTRUMENTS INC. IS PROHIBITED

MODEL	RANGE
4400B1	±2g
4400B2	±19g
4400B3	±200g

HARDWARE CHECK / READY  
INDICATOR LED

RECORDING  
INDICATOR LED

CHARGING  
INDICATOR LED

MATES WITH CHARGING CABLE,  
MODEL 69126, QTY:1  
(SUPPLIED)

MOLDED COVER  
NOT SHOWN FOR  
CLARITY

MOLDED COVER

BOTTOM COVER,  
REMOVABLE

8 MOLDED COVER AND BOTTOM COVER MUST BE INSTALLED TO MEET IP RATING.

7 MATING SYNCHRONIZATION CABLE: DYTRAN MODEL 60153AXX.

6 ARROWS INDICATE DIRECTIONS OF ACCELERATION FOR POSITIVE OUTPUT.

5 MAGNETS PULL RATING: UP TO 8.4 lb.  
NOTE: MAXIMUM PULL RATINGS ARE BASED ON DIRECT CONTACT  
WITH RUST-FREE AND UNPAINTED IRON PLATE. VARIATIONS IN MATERIAL  
CONDITION WILL SIGNIFICANTLY REDUCE THESE RATINGS.

4 MOUNTING SCREW, MODEL 6246, 10-32 UNF-3A X 1.25, QTY 2, SUPPLIED.  
MOUNTING SCREW, MODEL 6694A1, M5 X 0.8 X 35mm, QTY 2, SUPPLIED.


3. OPERATING TEMPERATURE, DISCHARGING: -4 °F TO +140 °F (-20 °C TO +60 °C)  
OPERATING TEMPERATURE, CHARGING: +32 °F TO +113 °F (0 °C TO +45 °C)

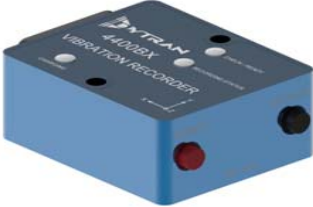
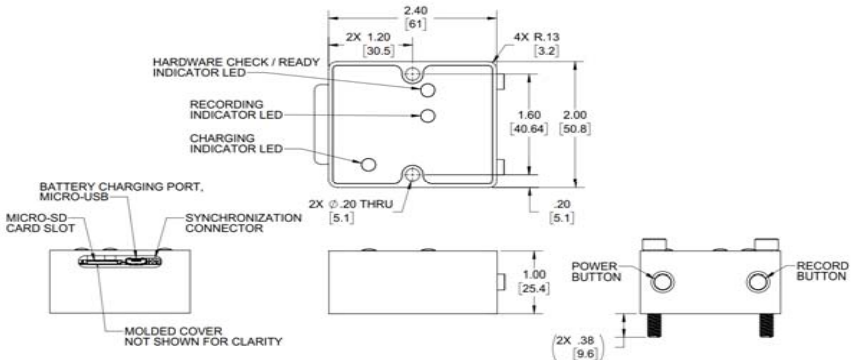

2. HOUSING MATERIAL: ALUMINUM ALLOY, ANODIZED, COLOR: BLUE.

1. WEIGHT: 150 GRAMS, MAX.

NOTES: UNLESS OTHERWISE SPECIFIED

REV.		ECN	DESCRIPTION	BY/DATE	CHK	APPR
B		15783	SEE ECN	AM 06/08/20	RA	DV-SEE PDM
C		16261	REMOVED THE SUPPLIED 9007 SOFTWARE	HM 07/16/21	AM	DV

<div>UNLESS OTHERWISE SPECIFIED: INTERPRET DIM &amp; TOL PER ASME Y14.5M - 1994. REMOVE BURRS. COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS. DIMENSIONS APPLY AFTER FINISHING.</div> <div>ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12.</div>	<div>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS TOLERANCES ARE:</div> <div>DECIMALS      METRIC .XX ±.03      .X ±.08      ANGLES .XXX ±.010      .XX ±0.25      ±1°</div>			<div><div><div></div><div>DTTRAN</div><div>INSTRUMENTS, INC.</div></div><div>Chatsworth, CA</div></div>			
	APPROVALS		DATE		TITLE:  OUTLINE/INSTALLATION DWG, VIBRATION RECORDER, MODEL 4400B		
	ORIG	KG	10/18/19				
	CHK	RA	06/18/20				
	APP						
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION USA 		SIZE B	CAGE CODE 2W033	DWG NO 127-4400B	REV C
				SCALE:	1:1	SHEET 1 OF 1	

MODEL NUMBER 4400B2		PERFORMANCE SPECIFICATIONS			DOC NO. PS4400B2	
		ACCELERATION RECORDER, TRIAXIAL			REV C, ECN 16261, 07/16/21	
		<ul style="list-style-type: none"> <li>RECORDS THREE-AXIS VIBRATION UP TO 15 HOURS</li> <li>IP64 RATED</li> <li>MICRO-SDHC CARD COMPATIBLE</li> <li>DUAL MOUNTING CONFIGURATIONS</li> <li>INTEGRATED ANTI-ALIASING FILTERS</li> </ul>			Model	Range (g pk)
					Noise (g RMS)	Oper. Temp (°F)
					4400B1	±2
					4400B3	±200
					0.009	-4 to +140
					0.2	-4 to +140
						0 to 1000
						0 to 1000
					Refer to the performance specifications of the products in this family for detailed description	
					<b>Supplied Accessories:</b>	
					1) Accredited calibration certificate (ISO 17025)	
					2) Mounting Screw, Model 6246, 10-32 X 1.25, Qty. 2	
					3) Mounting Screw, Model 6694A1, M5x0.8 X 35mm, Qty. 2	
					4) Charging cable, Model 69126, USB Type A to Micro B, Qty:1	
					<b>Notes:</b>	
					[1] Linearity is % of specified full scale (or any less full-scale range), zero-based best fit straight line method.	
					[2] 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.	
					[3] Molded cover and bottom cover with integral sealing gasket must both be installed to meet IP64 rating.	
					[4] Micro-SD card supplied.	
					[5] All specifications are at room temperature unless otherwise specified.	
						
					Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-4400B for more information.	
						
					21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.698.0362 www.dytran.com For permission to reprint this content, please contact info@dytran.com	