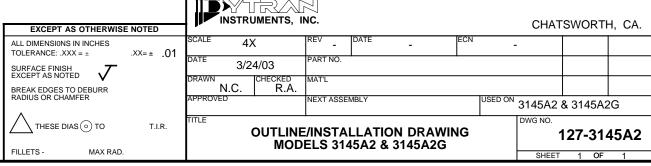


- 4. TO INSTALL MOD 3145A2, TORQUE IN PLACE WITH 10 OZ.-INCHES.
- 3. WEIGHT-MOD 3145A2-2.3 GRAMS., MOD 3145A2G-2.1 GRAMS
- 2. SEAL-HERMETIC, ALL WELDED.
- 1. MATERIAL: TITANIUM ALLOY.





NOTE: LIVM is Dytran's trademark for its line of **Low Impedance Voltage Mode** sensors with built-in amplifiers operating from constant current sources over two wires. **LIVM** instruments are compatible with most other manufacturers' comparable systems.

SPECIFICATIONS MODELS 3145A2 & 3145A2G ACCELEROMETERS

SPECIFICATION	VALUE	UNITS
PHYSICAL		
WEIGHT (Model 3145A2/3145A2G) SIZE, HEX x HEIGHT (Height does not include mtg. stud) MOUNTING PROVISION (Model 3145A2/3145A2G) CONNECTOR, TOP MOUNTED MATERIAL, HOUSING AND CONNECTOR ELEMENT STYLE	2.3/2.1 .281 (9/32) x .49 5-40 integral stud/adhe 5-44 300 Series Ceramic, Shear	Grams Inches esive mount Coaxial Stainless Steel
PERFORMANCE		
SENSITIVITY, ± 10% [1] RANGE F.S. FOR ± 5 VOLTS OUTPUT FREQUENCY RANGE, ± 5% RESONANT FREQUENCY EQUIVALENT ELECTRICAL NOISE FLOOR LINEARITY [2] TRANSVERSE SENSITIVITY, MAX. STRAIN SENSITIVITY	5.0 ± 1000 0.8 to 10k >45 .07 ± 1% 5	mV/G G's Hz kHz G's RMS % F.S. % G's/μσ @ 250 μσ
ENVIRONMENTAL		
MAXIMUM VIBRATION/SHOCK TEMPERATURE RANGE SEAL, HERMETIC COEFFICIENT OF THERMAL SENSITIVITY	1000/3000 -60 to +250 Glass-to-metal and TIG .04	± G's/G's PEAK OF G welded %/OF
ELECTRICAL		
SUPPLY CURRENT/COMPLIANCE VOLTAGE RANGE [3] OUTPUT IMPEDANCE, TYP. BIAS VOLTAGE DISCHARGE TIME CONSTANT OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD CASE GROUNDING	2 to 20/+18 to +30 100 11 to 13 0.5 to 1.2 TOP Case is grounded to ele	mA/Volts Ohms VDC Sec Positive ectrical power ground

- [1] Measured at 100 Hz, 1 G RMS per ISA RP 37.2.
- [2] Measured using zero-based best straight line method, % of F.S. or any lesser range.
- [3] Do not apply power to this device without current limiting, 20 mA MAX. To do so will destroy the integral IC amplifier.