



## A/124/E / TE/ TS Piezo-tronic Voltage source Accelerometer

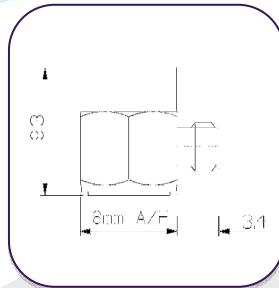
10mV/g, 100mV/g

2gm wt

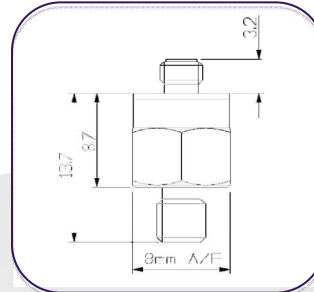
Std +125°C (HT 185°C)

A three variant range of low mass (2gm.) accelerometers, each with Konic sensing element, welded construction, miniature 3.5mm thd, side or top entry coaxial connector, and titanium case. The A/124E and A/124TE, are adhesive mount, whilst the top entry connector version (A/124TS) is also available with integral mounting stud.

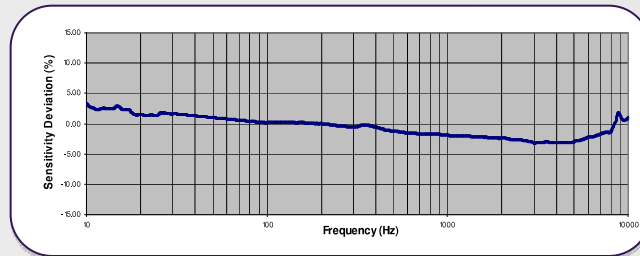
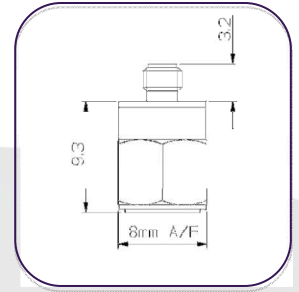
A/124/E



A/124/TS



A/124/TE

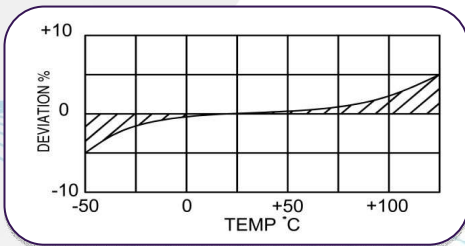


Typical Frequency Response

### Note:

Voltage sensitivities shown are standard. We offer a wide range of sensitivities on request, and recommend that applications are evaluated to determine the requisite sensitivity.

Conversion Mode	KONIC / 2 WIRE QVC
Voltage Sensitivity mV/g	10, 100
Resonant frequency kHz	≈50
Cross Axis error % max	5
Temperature Range °C	-50/+185°C (HT)
Voltage sensitivity deviation re 20 °C	-5% @ 50 +5% @ +125 +/- 10% @ +185
Supply voltage V	15/35 standard
Supply voltage mA	2/15
Bias voltage v	8/10
Settling time to 90% final val. secs	<1
Max continuous accn. G sine	5000
Saturation limit g	450
Noise level, equiv. mg	7 4
Frequency Response (±5% nom.)	1Hz-10KHz
Case material	Titanium Grade 2
Mounting	Flat base, adhesive A/124E, TE M4x 5mm integral stud A/124TS
Weight gm	2 (A/124/E,TE) 2.5 (A/124/TS)
Case seal	Welded



Temperature Response

