



A/25 Miniature Piezo Electric accelerometer

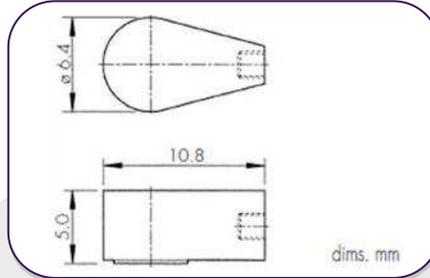
2pC/g nom. 1.5gm wt. 200°C Max

Sub-miniature, all welded, Konic sensing element based vibration transducer. The low mass of the A/25 E renders its transparent in the vast majority of light weight structure vibration measurement applications.

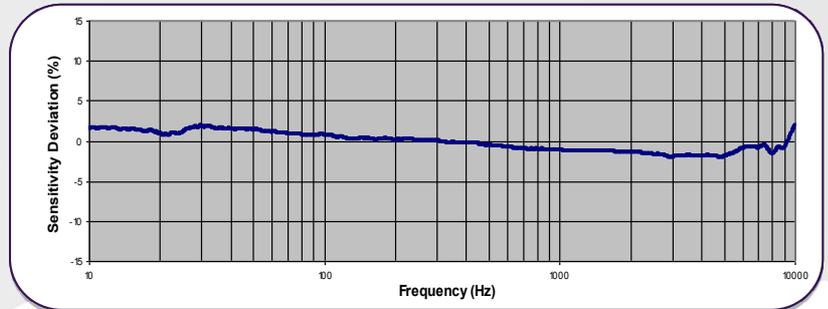
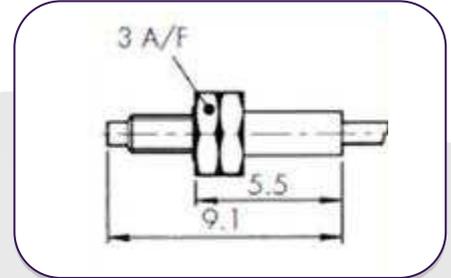
The A/25 E is adhesive mounted. A detachment tool is provided to shear adhesive joints. Shock removal is to be avoided as being deleterious to the integrity of the transducer. Abrasive cleaning of the attachment face will reduce base thickness over time; sparing use of adhesive will aid longevity.

Signal outlet is via a surface contact socket. Mating connector preload torque should be 7cNm, the locknut tightened to 10,000g. Insufficient preload may result in intermitted signal loss.

A/25/E

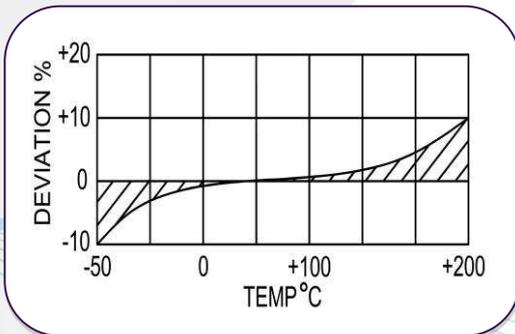


A/25/E L5 Connector



Typical Frequency Response

Temperature Response



Options

- Wideband temperature calibration -50/+200°C
- Proof shock testing

Available at a tri-axial designated type A/32

Conversion Mode	Konic
Charge sensitivity pC/g	1.3 - 2.7
Capacitance	220/320
Resonant Frequency KHz	50
Cross Axis error % max	5
Temperature Range °C	-50/ +200
Charge sensitivity deviation re 20 °C	-5% @ - 50°C +15% @ + 200°C
Frequency Range	1Hz – 10KHz, +/- 5%
Maximum Continuous g level	5000
Max Shock g level	10000
Case Material	s/steel 303 S31
Connector	L5

CMV Steck GmbH

Rheinstraße 92

Tel: + 49 (0) 7275 988 684 - 0

www.CMV-Steck.de

D-76870 Kandel

Fax: + 49 (0) 7275 988 684 - 9

e-mail: info@CMV-Steck.de



ISO 9001:2008