

Mono-axial Piezo-Tronic IEPE Accelerometers

Integral Electronics, Voltage Output

All dimensions given in mm (L x W x H) not including the connector



**Micro Miniature
A/128/VI**

Sensitivity

1mV/g up to 10mV/g

Weight 0.19gm

Size (mm)
5.7 x Ø3.5 x 2.3

Min-Max. Temp
-50°C • 200°C

Connector
Integral Cable, L8,
10-32 UNF Microdot

Sensing Element
Shear Plate
Piezo-Ceramic

Mounting
Adhesive



**Miniature
A/127/V**

Sensitivity

1mV/g up to 100mV/g

Weight 1.4gm

Size (mm)
11.1 x 7.1 x 5.4

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
M3.5 KP

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive



**Miniature
A/124/E, A/124/TE,
A/124/TS**

Sensitivity

1mV/g up to 200mV/g

Weight 2gm

Size (mm)
8 (A/F) x 9

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
M3.5 KP

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive,
M4 x 5mm integral stud



**A/123/E, A/123/S,
A/123/TE, A/123/TS,
A/123/EB, A/123/TB**

Sensitivity

1mV/g up to 250mV/g

Weight 3.4-5.2gm

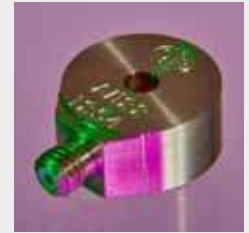
Size (mm)
9.5 (A/F) x 9.4-10

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive,
M5 x 5mm integral stud
Base tapped



A/122/V

Sensitivity

10mV/g up to 1V/g

Weight 12gm

Size (mm)
17.2 x Ø16 x 9.5

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Through hole Ø3.5mm
Mounting kit available



**A/120/V, A/120/VT,
A/120/VTC, A/120/VI,
A/120/VTI**

Sensitivity

10mV/g up to 1V/g

Weight 12.5-27gm

Size (mm)
14.3 (A/F) x 19-21.5

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot,
TNC

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
4mm deep



**A/121/V, A/121/VT
A/121/VTC, A/121/VI**

Sensitivity

100mV/g up to 3V/g

Weight 90gm

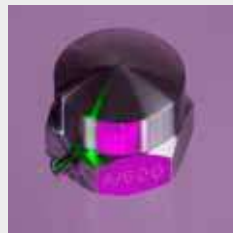
Size (mm)
25.4 (A/F) x 21.3-22.8

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot,
TNC

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
4mm deep



**Micro g Voltage
A/1600/V, A/1600/VT**

Sensitivity

1V/g up to 10V/g

Weight 114.5gm

Size (mm)
28 (A/F) x 28.7

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Shear Plate
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
4mm deep



**Calibration Reference
A/120/CR**

Sensitivity

10mV/g • 100mV/g

Weight 24gm

Size (mm)
14.3 (A/F) x 25

Min-Max. Temp
-50°C • 125°C

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
4mm deep

Accelerometer Key:

- E** Side entry
- EB** Side entry, tapped base
- S** Side entry with stud
- V** Voltage, side entry
- VI** Voltage, side entry, case Isolated
- VT** Voltage, Top entry
- VTC** Voltage, Top entry, TNC
- VTI** Voltage, Top entry, case Isolated
- T** Top entry
- TE** Top entry
- TS** Top entry with Stud
- TC** Top entry, TNC
- CR** Calibration Reference
- TB** Tapped Base
- HT** High Temperature
- I** Isolated
- F** Flange

Tri-axial Piezo-Tronic IEPE Accelerometers

Integral Electronics, Voltage Output

All dimensions given in mm (L x W x H) not including the connector



AT/18

Sensitivity
1mV/g up to 10mV/g

Weight 1.2gm

Size (mm)
7 x 7.5 x 5.6

Min-Max. Temp
-50°C • 200°C

Connector
1m integral cable,
4 pin ¼-28 UNF

Sensing Element
Shear Plate
Piezo-Ceramic

Mounting
Adhesive



AT/10, AT/10/F, AT/10/TB

Sensitivity
1mV/g up to 100mV/g

Weight 6.9-10gm

Size (mm)
11.5 x 11.5 x 11.5

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
4 pin ¼-28 UNF

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive,
2x M3 Screws,
Base tapped



AT/14, AT/14/TB, ATI/14, ATI/14/TB

Sensitivity
1mV/g up to 200mV/g

Weight 13-16.6gm

Size (mm)
16.4 x 16.4 x 12-15.3

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
4-Pin ¼ - 28 UNF

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive,
Base tapped 10-32 UNF



AT/11

Sensitivity
1mV/g up to 100mV/g

Weight 18.9gm

Size (mm)
17 x 17 x 17

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
4 pin ¼-28 UNF

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive
Mounting clip



AT/13

Sensitivity
1mV/g up to 100mV/g

Weight 25.9gm

Size (mm)
19 x 19 x 19

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
4 pin ¼-28 UNF

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive
Mounting clip



A/136/V

Sensitivity
1mV/g up to 200mV/g

Weight 24.9gm

Size (mm)
24 x 17 x 14.7

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive
Mounting clip



A/131/V

Sensitivity
10mV/g up to 500mV/g

Weight 19gm

Size (mm)
19.1 x 19.1 x 11.7

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
2 x Ø3.57mm
through holes
Adhesive



A/134/V, A/134/V-3

Sensitivity
1mV/g up to 200mV/g

Weight 19-22gm

Size (mm)
19.1 x 19.1 x 11.7
22.2 x 22.2 x 11.7

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
2 x Ø3.57mm through
holes, 1 x M4 Ø through
hole + 3 x tapped 10-
32 UNF x 4mm deep
Adhesive



A/130/V, A/130/V-1

Sensitivity
10mV/g up to 500mV/g

Weight 40.9gm

Size (mm)
25.4 x 25.4 x 13.2

Min-Max. Temp
-50°C • 125°C (185°C HT)

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
3 x Ø3mm
through holes,
3 x tapped 10-32 UNF
x 4mm deep
Adhesive

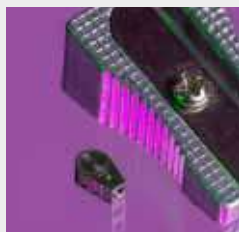
Accelerometer Key:

- E Side entry
- EB Side entry, tapped base
- S Side entry with stud
- V Voltage, side entry
- VI Voltage, side entry, case Isolated
- VT Voltage, Top entry
- VTC Voltage, Top entry, TNC
- VTI Voltage, Top entry, case Isolated
- T Top entry
- TE Top entry
- TS Top entry with Stud
- TC Top entry, TNC
- CR Calibration Reference
- TB Tapped Base
- HT High Temperature
- I Isolated
- F Flange

Mono-axial Piezoelectric Accelerometers

Charge Output

All dimensions given in mm (L x W x H) not including the connector



Micro-Miniature
A/28/E

Sensitivity
0.4pC/g nom.

Weight 0.19gm

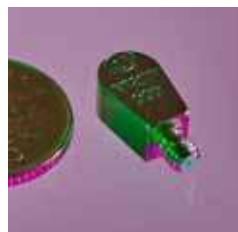
Size (mm)
5.7 x \varnothing 3.5 x 2.3

Min-Max. Temp
-50°C • 200°C

Connector
Integral Cable, A/28/E-1
L8 A/28/E

Sensing Element
Shear Plate
Piezo-Ceramic

Mounting
Adhesive



Miniature
A/27/E

Sensitivity
2pC/g nom.

Weight 1.4gm

Size (mm)
11.1 x 7.1 x 5.4

Min-Max. Temp
-50°C • 200°C

Connector
M3.5 KP

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive



Miniature
A/24/E, A/24/E-1,
A/24/TE, A/24/TE-1
A/24/TS

Sensitivity
5pC/g nom.

Weight 2gm

Size (mm)
8 (A/F) x 6.5-9

Min-Max. Temp
-50°C • 200°C (E-1,TE-1)
-50°C • 250°C (E,TE,TS)

Connector
M3.5 KP

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive,
M4 x 5mm Integral stud



**A/23/E, A/23/S,
A/23/TE, A/23/TS,
A/23/EB, A/23/TB**

Sensitivity
8pC/g nom.

Weight 3.4-5.2gm

Size (mm)
9.5 (A/F) x 9.4-10.5

Min-Max. Temp
-50°C • 250°C

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Adhesive,
M5 x 5mm Integral stud,
Base tapped



A/22

Sensitivity
26pC/g nom.

Weight 12gm

Size (mm)
17.2 x 16 x 8.1

Min-Max. Temp
-50°C • 250°C

Connector
10-32 UNF Microdot

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
3.5mm through hole



A/20, A/20/T, A/20/TC

Sensitivity
30pC/g nom.

Weight
12.5gm - 27gm

Size (mm)
14.3 (A/F) x 16.6-19.2

Min-Max. Temp
-50°C • 250°C

Connector
10-32 UNF Microdot, TNC

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
x 4mm deep



A/29, A/29/T, A/29/TC

Sensitivity
100pC/g

Weight
45gm - 50gm

Size (mm)
19.1 (A/F) x 21.8-25.7

Min-Max. Temp
-50°C • 250°C

Connector
10-32 UNF Microdot, TNC

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
x 4mm deep



A/21, A/21/T, A/21/TC

Sensitivity
360pC/g nom.

Weight
95gm - 102gm

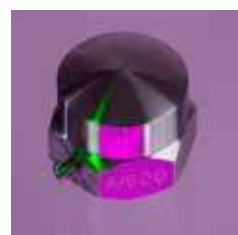
Size (mm)
25.4 (A/F) x 20.2-23.9

Min-Max. Temp
-50°C • 250°C

Connector
10-32 UNF Microdot, TNC

Sensing Element
Konic Shear®
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
x 4mm deep



A/600, A/600/T

Sensitivity
1.2nC/g nom.

Weight 114.5gm

Size (mm)
28 (A/F) x 28

Min-Max. Temp
-50°C • 250°C

Connector
10-32 UNF Microdot

Sensing Element
Shear Plate
Piezo-Ceramic

Mounting
Base tapped 10-32 UNF
x 4mm deep