

Piezo-electric accelerometers

| Type | Sensitivity | Weight (gramme) | Resonant frequency (kHz) | Temperature range min/max °C | Connector M : Microdot T : TNC | Mounting A : M5 B : 10/32 UNF C : 1/4 UN D : M4 | Page |
|---|--------------------|-----------------|--------------------------|------------------------------|--------------------------------------|---|-------|
| MONO-AXIAL, CHARGE OUTPUT | | | | | | | |
| A/28/E | 0.3/0.6 pC/g | 0.25 | 45 | -50/+200 | L8 side entry | adhesive | 6 |
| A/25/E | 1.3/2.7 pC/g | 1.5 | 60 | -50/+200 | L5 side entry | adhesive | 7 |
| A/24/E | 3/6 pC/g | 2 | 70 | -50/+200 | KP side entry | adhesive (isolated) | 8 |
| A/24/TE | 3/6 pC/g | 2 | 70 | -50/+200 | KP top entry | adhesive (isolated) | 8 |
| A/24/TS | 3/6 pC/g | 2,1 | 70 | -50/+250 | KP top entry | integral stud D | 8 |
| A/23/E | 6/10 pC/g | 4.5 | 50 | -50/+250 | M side entry | adhesive | 9 |
| A/23/TE | 6/10 pC/g | 4.5 | 50 | -50/+250 | M top entry | adhesive | 9 |
| A/23/S | 6/10 pC/g | 5.2 | 50 | -50/+250 | M side entry | integral stud A | 9 |
| A/23/TS | 6/10 pC/g | 5.2 | 50 | -50/+250 | M top entry | integral stud A | 9 |
| A/23/SIT | 6/10 pC/g | 8.3 | 30 | -50/+250 | isolated M top entry | integral stud A | 9 |
| A/23/IT | 6/10 pC/g | 8 | 50 | -50/+250 | isolated M top entry | adhesive | 9 |
| A/23/SI | 6/10 pC/g | 10 | 30 | -50/+250 | isolated M side entry | integral stud B | 10 |
| A/26/E | 8/12 pC/g | 6,7 | 50 | -50/+250 | M side entry | adhesive | 11 |
| A/26/S | 8/12 pC/g | 7 | 50 | -50/+250 | M side entry | integral stud A | 11 |
| A/22 | 20/32 pC/g | 12 | 20 | -50/+250 | M side entry | through hole | 12 |
| A/20 | 28/42 pC/g | 17 | 28 | -50/+250 | M side entry | tapped base B | 13 |
| A/20/T | 28/42 pC/g | 17 | 28 | -50/+250 | M top entry | tapped base B | 13 |
| A/20/TC | 28/42 pC/g | 27 | 23 | -50/+250 | T top entry | tapped base B | 13 |
| A/29 | 100 pC/g | 46 | 15 | -50/+250 | M side entry | tapped base B | 14 |
| A/29/T | 100 pC/g | 46 | 15 | -50/+250 | M top entry | tapped base B | 14 |
| A/29/TC | 100 pC/g | 50 | 15 | -50/+250 | T top entry | tapped base B | 14 |
| A/21 | 300/420 pC/g | 95 | 10 | -50/+250 | M side entry | tapped base B | 15 |
| A/21/T | 300/420 pC/g | 95 | 10 | -50/+250 | M top entry | tapped base B | 15 |
| A/21/TC | 300/420 pC/g | 102 | 10 | -50/+250 | T top entry | tapped base B | 15 |
| A/600 | 900/1300 pC/g | 110 | 8 | -50/+250 | M side entry | tapped base B | 16 |
| A/600/T | 900/1300 pC/g | 110 | 8 | -50/+250 | M top entry | tapped base B | 16 |
| A/800 | 7000/11000 pC/g | 400 | 4 | -50/+150 | M side entry | tapped base C | 17 |
| A/800/T | 7000/11000 pC/g | 400 | 4 | -50/+150 | M top entry | tapped base C | 17 |
| A/800/TC | 7000/11000 pC/g | 407 | 4 | -50/+150 | T top entry | tapped base C | 17 |
| MONO-AXIAL, INTEGRAL ELECTRONICS | | | | | | | |
| A/124/E | 10 mV/g | 2 | 70 | -50/+125 | KP side entry | adhesive (isolated) | 18 |
| A/124/TE | 10 mV/g | 2 | 70 | -50/+125 | KP top entry | adhesive (isolated) | 18 |
| A/124/TS | 10 mV/g | 2,1 | 70 | -50/+125 | KP top entry | integral stud D | 18 |
| A/123/E | 6/10 mV/g | 5 | 50 | -50/+125 | M side entry | adhesive isolated | 19 |
| A/123/S | 6/10 mV/g | 5.5 | 50 | -50/+125 | M side entry | integral stud A | 19 |
| A/123/TS | 6/10 mV/g | 5.5 | 50 | -50/+125 | M top entry | integral stud A | 19 |
| A/123/TE | 6/10 mV/g | 5.2 | 50 | -50/+125 | M top entry | adhesive | 19 |
| A/122/V | 10/31.6/100 mV/g | 16 | 20 | -50/+125 | M side entry | through holes | 20 |
| A/120/V | 10/31.6/100 mV/g | 18 | 28 | -50/+125 | M side entry | tapped base B | 21-22 |
| A/120/VT | 10/31.6/100 mV/g | 18 | 28 | -50/+125 | M top entry | tapped base B | 21-22 |
| A/120/VTC | 10/31.6/100 mV/g | 32 | 23 | -50/+125 | T top entry | tapped base B | 21-22 |
| A/120/VI | 10/31.6/100 mV/g | 18 | 28 | -50/+125 | isolated M side entry | tapped base B | 21-22 |
| A/120/VTI | 10/31.6/100 mV/g | 18 | 28 | -50/+125 | isolated M top entry | tapped base B | 21-22 |
| A/121/V | 100/316/1000 mV/g | 90 | 9 | -50/+125 | M side entry | tapped base B | 23 |
| A/121/VI | 100/316/1000 mV/g | 90 | 9 | -50/+125 | isolated M side entry | tapped base B | 23 |
| TRI-AXIAL, CHARGE OUTPUT | | | | | | | |
| A/38 (-1) | 0.3/0.6 pC/g | 0.9/1 | 32/36 | -50/+200 | L8 | through holes/adhesive (isolated) | 24 |
| A/32 | 1.3/2.7 pC/g | 8 | 30/35 | -50/+200 | L5 | through holes/adhesive (isolated) | 25 |
| A/31 | 5/9 pC/g | 18 | 25/28 | -50/+220 | M | through holes/adhesive (isolated) | 26 |
| A/34 | 5/9 pC/g | 19 | 25/28 | -50/+220 | M | through holes/adhesive (isolated) | 27 |
| A/34-2 | 5/9 pC/g | 22 | 25/28 | -50/+220 | M | through holes/adhesive (isolated) | 27 |
| A/33 | 5/9 pC/g | 38 | 15 | -50/+220 (+800) | M | through holes/adhesive (isolated) | 28 |
| A/30 | 20/30 pC/g | 38 | 13/15 | -50/+220 | M | through holes/adhesive (isolated) | 29 |
| A/30-1 | 20/30 pC/g | 38 | 13/15 | -50/+220 | M | through holes/adhesive (isolated) | 29 |
| TRI-AXIAL, INTEGRAL ELECTRONICS | | | | | | | |
| A/131/V | 10 mV/g - 100 mV/g | 19 | 25/28 | -50/+125 | M | through holes/adhesive (isolated) | 30 |
| A/134/V | 10 mV/g - 100 mV/g | 19 | 25/28 | -50/+125 | M | through holes/adhesive (isolated) | 31 |
| A/134/V-3 | 10 mV/g - 100 mV/g | 22 | 25/28 | -50/+125 | M | through holes/adhesive (isolated) | 31 |
| A/130/V | 100 mV/g | 40 | 13/15 | -50/+125 | M | through holes/adhesive (isolated) | 32 |
| MONO-AXIAL, INDUSTRIAL | | | | | | | |
| A/53/F | 10/15 pC/g | 20 | 15 | -50/+300 | integral hardline cable | through holes | 33 |
| A/53/F/HT | 1.7/2.6 pC/g | 20 | 15 | -50/+400 | integral hardline cable | through holes | 33 |
| A/52/F | 90/110 pC/g | 100 | 12 | -50/+300 | integral hardline cable | through holes | 34 |
| A/52/F/HT | 10/13 pC/g | 100 | 12 | -50/+400 | integral hardline cable | through holes | 34 |
| A/81/F | 210/260 pC/g | 150 | 10 | -50/+300 | integral hardline cable | through holes | 35 |
| A/81/F/HT | 25/45 pC/g | 150 | 10 | -50/+400 | integral hardline cable | through holes | 35 |
| A/107/F | 80/110 pC/g | 80 | 18 | -50/+300 | 2 pole, 7/16 UNF thd. | through holes | 36 |
| A/107/F/HT | 10 pC/g | 80 (55) | 18 | -50/+400 | 2 pole, 7/16 UNF thd. | through holes | 36 |
| A/301/F | 190/250 pC/g | 150 | 8 | -50/+300 | 2 pole, 7/16 UNF thd. | through holes | 37 |
| A/301/F/HT | 23/31 pC/g | 150 | 8 | -50/+400 | 2 pole, 7/16 UNF thd. | through holes | 37 |
| A/172/VF | 100 mV/g | 130 | 11 | -50/+125 | 2 pole, 7/16 UNF thd. | through holes | 38 |

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quick reference chart for accelerometer range