

## 100系列电压输出型

### 标准通用型

- 剪切设计保证环境对信号影响最小
- 高分辨率，低噪声
- 芯体压电陶瓷有国产和进口可选
- 使用全进口内置电路



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
11100/11200	10	±500	0.001	2-10k	—	-40~120	M5 Top/M5 Side	M5	12	13x23.4/13x18
12100/12200	20	±250	0.0005	1-8k	—	-40~120	M5 Top/M5 Side	M5	13	13x23.4/13x18
13100/13200	50	±100	0.0002	1-8k	—	-40~120	M5 Top/M5 Side	M5	14	13x23.4/13x18
14100/14200	100	±50	0.0001	1-8k	—	-40~120	M5 Top/M5 Side	M5	15	13x23.4/13x18
15100/15200	300	±16.7	0.00003	1-4k	—	-40~120	M5 Top/M5 Side	M5	25	16x28/16x21
16100/16200	500	±10	0.00002	1-2.5k	—	-40~120	M5 Top/M5 Side	M5	38	18x33/18x26
17100/17200	1000	±5	0.00001	0.06-1k	≥1×10 <sup>8</sup>	-40~120	M5 Top/M5 Side	M5	144	27x45/27x35

### 小型化通用 I 型

- 小型化IEPE设计
- 剪切芯体，进口内置电路
- 配用国产压电材料，更高性价比
- 完整系列，多种灵敏度和输出形式可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
10140/10240	5 (±10%)	±1000	0.002	1-10k	—	-40~120	M5 Top/5-44 Side	M3	4.4	8.5x18/8.5x11
11140/11240	10	±500	0.001	1-10k	—	-40~120	M5 Top/5-44 Side	M3	4.4	8.5x18/8.5x11
12140/12240	20	±250	0.0005	1-10k	—	-40~120	M5 Top/5-44 Side	M3	4.5	8.5x18/8.5x11
13140/13240	50	±100	0.0002	1-9k	—	-40~120	M5 Top/M5 Side	M5	8.4	11x20/11x14.5
14140/14240	100	±50	0.0001	1-6k	—	-40~120	M5 Top/M5 Side	M5	9	11x20/11x14.5
15140/15240	200	±25	0.00005	1-6k	—	-40~120	M5 Top/M5 Side	M5	14.6	13x24/13x18
16140/16240	500	±10	0.00002	1-5k	—	-40~120	M5 Top/M5 Side	M5	30	16x26/16x21
17140/17240	1000	±5	0.00001	0.1-2k	≥1×10 <sup>8</sup>	-40~120	M5 Top/M5 Side	M5	62.5	19x35/19x28

### 小型化通用 II 型

- 小型化IEPE设计
- 使用温度-50~120°C
- 配用进口敏感芯体和电路
- 多种灵敏度和输出形式可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
10130/10230	5 (±10%)	±1000	0.002	3-11k	—	-50~120	M5 Top/M5 Side	M3-M5	4.1	8.5x15/8.5x9.5
11130/11230	10	±500	0.001	1-10k	—	-50~120	M5 Top/5-44 Side	M3-M5	4	8.5x15/8.5x9.5
12130/12230	20	±250	0.0005	1-10k	—	-50~120	M5 Top/5-44 Side	M3-M5	4.5	8.5x15/8.5x9.5
13130/13230	50	±100	0.0002	1-9k	—	-50~120	M5 Top/5-44 Side	M5	8	11x20/11x14.5
14130/14230	100	±50	0.0001	1-6k	—	-50~120	M5 Top/M5 Side	M5	8.8	11x20/11x14.5
15130/15230	200	±25	0.00005	1-7k	—	-50~120	M5 Top/M5 Side	M5	15	13x21/13x18
16130/16230	500	±10	0.00002	1-6k	—	-50~120	M5 Top/M5 Side	M5	30	16x26/16x21
17130/17230	1000	±5	0.00001	0.1-2.5k	≥1×10 <sup>8</sup>	-50~120	M5 Top/M5 Side	M5	68	19x35/19x28

微型

- 微型内置IEPE设计
- 高分辨率，低噪声，适合于轻型结构测试
- 采用全进口敏感芯体和内置电路
- 完整系列，多种灵敏度、安装和输出形式可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
10241	1 (±10%)	±5000	0.01	5-10k(±10%)	—	-50~120	M5/SideIntegral Cable	M3 Integral	1.5	8.5x5.1
10242	2 (±10%)	±2500	0.005	5-10k(±10%)	—	-50~120	M5/SideIntegral Cable	M3 Integral	1.5	8.5x5.1
10236	5 (±10%)	±1000	0.002	3-11k	—	-50~120	5-44 Side	Adhesive	1	8.5x5.1
11235	10 (±10%)	±500	0.001	1-11k	—	-50~120	M5/Side Integral Cable	Adhesive	1	8.5x4.1
12235	20	±250	0.0005	1-11k	—	-50~120	M5/Side Integral Cable	Adhesive	1	8.5x4.1
13235	50	±100	0.0002	1-11k	—	-50~120	M5/Side Integral Cable	Adhesive	1.5	8.5x4.1
13236	50	±100	0.0002	1-11k	—	-50~120	5-44/Side	Adhesive	1.5	8.5x5.1
14236	100	±50	0.0001	1-10k	—	-50~120	5-44/Side	Adhesive	1.9	8.5x5.1
13237	50	±100	0.0002	1-11k	—	-50~120	5-44/Side	M3 Integral	1.5	8.5x5.1
14237	100	±50	0.0001	1-10k	—	-50~120	5-44/Side	M3 Integral	1.9	8.5x5.1

环境试验型

- 为环境试验专门设计
- 使用温度范围-50℃~+125℃
- 配有全进口敏感芯体和电路
- 稳定的温度响应和偏差离散度



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
10150/10250	5	±1000	0.002	1-12k	—	-50~120	M5 Top/M5 Side	M5	7	11x20/11x14.5
11150/11250	10	±500	0.001	1-12k	—	-50~120	M5 Top/M5 Side	M5	13	11x20/11x14.5
12150/12250	20	±250	0.0005	1-12k	—	-50~120	M5 Top/M5 Side	M5	14	13x23.4/13x18

13150/13250	50	±100	0.0002	1-12k	—	-50~120	M5 Top/M5 Side	M5	15	13x23.4/13x18
12151/12251	30	±167	0.0003	1-12k	—	-50~120	M5 Top/M5 Side	M5	15	13x23.4/13x18
12155/12255	30	±167	0.0003	1-12k	—	-40~120	M5 Top/M5 Side	M5	15	13x23.4/13x18
13151	50	±100	0.0002	1-12k	—	-50~120	BNC/Integral Cable	M5	15	13x23.4
14150/14250	100	±50	0.0001	1-10k	—	-50~120	M5 Top/5-44 Side	M5	16	13x23.4/13x18

模态测量型

- 小型轻量化设计
- 经航空航天工业单位长期使用验证，性能稳定可靠
- 配有进口敏感芯体及电路
- 可配置TEDS功能



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
13231	50	±100	0.0002	1-9k	—	-50~120	M5 Side	Adhesive	8	8.5x8.5x11
14206	100	±50	0.0001	1-8k	—	-50~120	M5 Side	M5	9	14x10
13510	40	±125	0.00025	1-6k	—	-50~120	1/4-28 4pin	M5/Adhesive	14	15x15x15
13532	40	±125	0.00025	1-6k	—	-50~120	Integral Cable/1/4-28 4pin	M5/Adhesive	14	15x15x15
14530	100	50	0.0001	1-5k	—	-50~120	1/4-28 4pin	M5/Adhesive	18	16.5x16.5x16.5
13232	50	±100	0.0002	1-12k	—	-50~120	M5/Side	Adhesive	2.1	8.5x8.5x6.6
14232	100	±50	0.0001	1-10k	—	-50~120	M5/Side	Adhesive	2.5	8.5x8.5x6.6
14535	100	±50	0.0001	0.1-4k	—	-50~120	1/4-28 4pin	M5	17	16x16x16

低频测量型

- 剪切设计保证环境对信号影响最小
- 全进口内置电路
- 芯体压电材料有国产和进口可选
- 高分辨率，低噪声



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
14105/14205	100	±50	0.0001	0.15-6k	—	-40~120	M5Top/M5Side	M5	25	16x28/16x21
17100/17200	1000	±5	0.00001	0.06-1k	≥1×10 <sup>8</sup>	-40~120	M5 Top/M5 Side	M5	144	27x45/27x35
17110	1000	±5	0.00001	0.06-1k	≥1×10 <sup>8</sup>	-40~120	Integral Cable-BNC	M5	144	Φ27x40
17130/17230	1000	±5	0.00001	0.1-2.5k	≥1×10 <sup>8</sup>	-50~120	M5 Top/M5 Side	M5	68	19x35/19x28
17140/17240	1000	±5	0.00001	0.1-2k	≥1×10 <sup>8</sup>	-40~120	M5 Top/M5 Side	M5	68	19x35/19x28

冲击和大量程型

- 小型化IEPE设计，全新内部绝缘结构，有效减少干扰
- 高刚性低灵敏度设计，满足大量程及冲击测试
- 采用全进口敏感芯体和内置电路
- M5或连体电缆输出可选



Model	Sensitivity (mV/g) ±10%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						

10131	1	±5000	0.01	2-12k	—	-50~120	Integral Cable-M5	M5 Integral	7	12x21
10132	2	±2500	0.005	2-12k	—	-50~120	Integral Cable-M5	M5 Integral	7	12x21
10133	1	±5000	0.01	5-11k(±10%)	≥1×10 <sup>8</sup>	-50~120	M5/Top	M5 Integral	10	12x25
10134	2	±2500	0.005	5-11k(±10%)	≥1×10 <sup>8</sup>	-50~120	M5/Top	M5 Integral	10	12x21
10135	1	±5000	0.01	5-11k(±10%)	≥1×10 <sup>8</sup>	-50~120	Top Integral Cable -M5	M6 Integral	10	12x25
10138	0.25	±20000	0.04	10-11k(±10%)	≥1×10 <sup>8</sup>	-50~120	Top Integral Cable -M5	M6 Integral	10	12x25
10139	0.5	±10000	0.02	10-11k(±10%)	≥1×10 <sup>8</sup>	-50~120	Top Integral Cable -M5	M6 Integral	10	12x25
10101/10201	0.5	±10000	0.02	10-11k(±10%)	—	-50~120	M5 Top/M5 Side	M5	5.4	11x21/11x15
10100/10200	0.5	±5000	0.01	5-11k(±10%)	—	-50~120	M5 Top/M5 Side	M5	7.4	11x21/11x15
10102/10202	0.5	±2500	0.005	5-11k(±10%)	—	-50~120	M5 Top/M5 Side	M5	7.4	11x19/11x12
10103/10203	0.5	±1000	0.002	3-11k	—	-50~120	M5 Top/M5 Side	M5	8	11x19/11x12

水密单轴型

- 小型IEPE连体电缆水密设计
- 特殊水密设计，最高水深可达100米

- 采用全进口敏感芯体和电路
- 完整系列多种灵敏度可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
11133	10	±500	0.001	1-10k	—	-50~120	Integral Cable-M5(BNC)	M5	9.8	11x27
12133	20	±250	0.0005	1-10k	—	-50~120	Integral Cable-M5(BNC)	M5	10	11x27
13133	50	±100	0.0002	1-8k	—	-50~120	Integral Cable-M5(BNC)	M5	15	13x27.5
14133	100	±50	0.0001	1-6k	—	-50~120	Integral Cable-M5(BNC)	M5	15.5	13x27.5
14233	100	±50	0.0001	1-6k	—	-50~120	Integral CableSide-M5(BNC)	M5	15.5	13x22
14138	100	±50	0.0001	1-6k	—	-50~120	Integral Cable-M5(BNC)	M3-M5	8.4	8.5x8.5x21
14238	100	±50	0.0001	1-6k	—	-50~120	Integral CableSide-M5(BNC)	M3-M5	8.4	8.5x21x10

水密三轴型

- 小型三轴IEPE连体电缆水密设计
- 三轴Through Hole360度可旋转安装

- 采用全进口敏感芯体和内置电路
- 特殊水密结构，最高水深可达100米



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
11538	10	±500	0.001	1-8k	—	-50~120	Integral Cable/1/4-28 4pin	M4 Through Hole	26	17x17x12
12538	20	±250	0.0005	1-8k	—	-50~120	Integral Cable/1/4-28 4pin	M4 Through Hole	26	17x17x12
13538	50	±100	0.0002	1-8k	—	-50~120	Integral Cable/1/4-28 4pin	M4 Through Hole	26	17x17x12
14538	100	±50	0.0001	1-8k	—	-50~120	Integral Cable/1/4-28 4pin	M4 Through Hole	26	17x17x12

### 三轴立方 I 型

- 高性价比正方体三轴测量传感器
- 剪切芯体，小型化IEPE设计

- 使用进口内置电路，四芯接嘴输出
- 通用型系列，多种灵敏度可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
10540	5 (±10%)	±1000	0.002	1-10k	—	-40~120	1/4-28 4pin	M2.5/Adhesive	4.2	10.8 Cube
11540	10	±500	0.001	1-8k	—	-40~120	1/4-28 4pin	M2.5/Adhesive	4.5	10.8 Cube
12540	20	±250	0.0005	1-9k/X:1-6k	—	-40~120	1/4-28 4pin	M2.5/Adhesive	4.5	10.8 Cube
13540	50	±100	0.0002	1-7k/X:1-5k	—	-40~120	1/4-28 4pin	M5/Adhesive	14	15 Cube
14540	100	±50	0.0001	1-6k/X:1-4k	—	-40~120	1/4-28 4pin	M5/Adhesive	18	16.5 Cube
15540	250	±20	0.00004	1-4k	—	-40~120	M5×3	M5 Through Hole	74	28x28x14
17540	1000	±5	0.00001	0.1-2k	—	-40~120	M5×3	M5 Through Hole	255	39x39x20

### 三轴立方型 II 型

- 正方体三轴测量传感器
- 剪切芯体，小型化IEPE设计

- 配用全进口敏感芯体和电路，四芯接嘴输出
- 通用型系列，多种灵敏度可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
10530	5 (±10%)	±1000	0.002	1-10k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	4.2	10.8 Cube
10535	2 (±10%)	±2500	0.005	—	—	-50~120	1/4-28 4pin	M2.5/Adhesive	3.9	10.8 Cube
10539	1 (±10%)	±5000	0.01	—	—	-50~120	1/4-28 4pin	M2.5/Adhesive	5	10.8 Cube
12530	20	±250	0.0005	1-9k/1-6k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	4	10.8 Cube
10533	5 (±10%)	±1000	0.002	1-10k/X:1-8k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	3.3	9.5 Cube
11533	10 (±10%)	±500	0.001	1-10k/X:1-7k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	3.6	9.5 Cube
12533	20	±250	0.0005	1-10k/X:1-7k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	5.4	9.5 Cube
13533	50	±100	0.0002	1-8k/X:1-6k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	5.5	11 Cube
14533	100	±50	0.0001	1-8k/X:1-6k	—	-50~120	1/4-28 4pin	M3/Adhesive	8.4	12 Cube
11530	10	±500	0.001	1-8k	—	-50~120	1/4-28 4pin	M2.5/Adhesive	4.7	10.8 Cube
11532	10	±500	0.001	1-8k	—	-50~120	Integral Cable/1/4-28 4pin	M2.5/Adhesive	4.7	10.8 Cube
13510	40	±125	0.00025	1-5k	—	-50~120	1/4-28 4pin	M5/Adhesive	14	15 Cube
13530	50	±100	0.0002	1-8k/X:1-6k	—	-50~120	1/4-28 4pin	M3/Adhesive	5.5	15 Cube
13532	40	±125	0.00025	1-5k	—	-50~120	Integral Cable/1/4-28 4pin	M5/Adhesive	14	15 Cube
14530	100	±50	0.0001	1-5k	—	-50~120	1/4-28 4pin	M5/Adhesive	18	16.5 Cube
15530	250	±20	0.00004	1-4k	—	-50~120	M5×3	M5 Through Hole	74	28x28x14

17530	1000	±5	0.00001	0.1-2k	—	-50~120	M5×3	M5 Through Hole	255	39x39x20
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### 三轴通孔大量程和冲击型

- 小型化IEPE三轴冲击测量传感器
- 进口高刚性敏感芯体，冲击应用更可靠
- 方形中心通孔设计，可360度旋转安装
- 输出有四芯和M5x3可选



Model	Sensitivity (mV/g) ±10%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
10506	2	±2500	0.005	5-10k(±10%)	—	-50~120	1/4-28 4pin	M4 Through Hole	7.8	15x15x10
10509	1	±5000	0.01	5-10k(±10%)	—	-50~120	1/4-28 4pin	M4 Through Hole	7.8	15x15x10
10515	0.5	±10000	0.02	10-10k(±10%)	—	-50~120	M5×3	M4 Through Hole	5.6	15x15x10
10519	1	±5000	0.01	5-10k(±10%)	—	-50~120	M5×3	M4 Through Hole	5.6	15x15x10
10512	2	±2500	0.005	5-10k/X:5-7k (±10%)	—	-50~120	M5×3/Side	M4 Through Hole	11.5	20x11.8x13.5

### 三轴通孔型

- 新型三轴测量八面体设计
- M5螺栓中心通孔安装
- 不锈钢安装面对地绝缘
- 通用型系列，多灵敏度可选



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
11513	10	±500	0.001	1-3k/Z:1-5k	≥1×10 <sup>8</sup>	-50~120	1/4-28 4pin	M5 Through Hole	8	18x13
12513	20	±250	0.0005	1-3k/Z:1-5k	≥1×10 <sup>8</sup>	-50~120	1/4-28 4pin	M5 Through Hole	9	18x13
13513	50	±100	0.0002	1-3k/Z:1-5k	≥1×10 <sup>8</sup>	-50~120	1/4-28 4pin	M5 Through Hole	11	18x13
14513	100	±50	0.0001	1-3k/Z:1-5k	≥1×10 <sup>8</sup>	-50~120	1/4-28 4pin	M5 Through Hole	12	18x13

### 两轴向中心通孔型

- 剪切设计保证环境对信号影响最小
- 进口内置电路，敏感芯体有国产和进口
- 中心通孔安装，360度可旋转安装
- 适合各类水平方向测量



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
11534	10	±500	0.001	1-10k	—	-50~120	M5x2	M3 Through Hole	8.5	8.5x8.5x20
12534	20	±250	0.0005	1-10k	—	-50~120	M5x2	M3 Through Hole	8.5	8.5x8.5x20
13504	50	±100	0.0002	1-5k	—	-40~120	M5x2	M4 Through Hole	26	13x13x28
14504	100	±50	0.0001	1-5k	—	-40~120	M5x2	M4 Through Hole	28	13x13x28

### 三轴向通孔型

- 剪切设计保证环境对信号影响最小
- 进口内置电路，敏感芯体有国产和进口可选
- 中心通孔安装，360度可旋转安装
- 适合各类三轴方向测量



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
10501	5 (±10%)	±1000	0.002	2-10k	—	-50~120	1/4-28 4pin	M3 Through Hole	5.5	14x14x8.5
11501	10	±500	0.001	1-10k	—	-50~120	1/4-28 4pin	M3 Through Hole	5.8	14x14x8.5
12501	20	±250	0.0005	1-10k	—	-50~120	1/4-28 4pin	M3 Through Hole	6	14x14x8.5
13506	50	±100	0.0002	1-9k	—	-50~120	1/4-28 4pin	M4 Through Hole	9	15x15x10
14506	100	±50	0.0001	1-9k	—	-50~120	1/4-28 4pin	M4 Through Hole	12.2	16x16x11
12500	20	±250	0.0005	1-5k	—	-50~120	M5x3	M5 Through Hole	60	28x28x14
13500	50	±100	0.0002	1-5k	—	-40~120	M5x3	M5 Through Hole	62	28x28x14
14500	100	±50	0.0001	1-4k	—	-40~120	M5x3	M5 Through Hole	65	28x28x14
16500	500	±10	0.00002	1-1.5k	—	-40~120	M5x3	M5 Through Hole	200	39x39x20

工业型

- 剪切设计保证环境对信号影响最小
- 进口内置电路，敏感芯体有国产和进口可选
- 双层外壳屏蔽，有效降低外接干扰
- 适合各类恶劣工业环境测量



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
				±5% (Hz)						
12117	20	±250	0.0005	1-8k	$\geq 1 \times 10^8$	-40~120	Integral Cable	M5	34	15.2x45
12118	20	±250	0.0005	1-7k	$\geq 1 \times 10^8$	-40~120	Integral Cable(Armored)	M5	34	15.2x45
14114	100	±50	0.0001	2-10k(±10%)	$\geq 1 \times 10^8$	-40~120	MIL-C-5015	M5	85	22x54
14115	100	±50	0.0001	1-8k	$\geq 1 \times 10^8$	-40~120	MIL-C-5015	M5	85	27x47
14117	100	±50	0.0001	1-8k	$\geq 1 \times 10^8$	-40~120	Integral Cable-BNC	M5	92	27x47
14119	100	±50	0.0001	1-8k	$\geq 1 \times 10^8$	-50~120	Φ5双芯Integral Cable	M5	60	20x41
14120	100	±50	0.0001	1-8k	$\geq 1 \times 10^8$	-50~120	MIL-C-5015	M5	62	20x41
14125	100	±50	0.0001	1-4k	$\geq 1 \times 10^8$	-40~120	Integral Cable-BNC	Magnetic	115	Φ25x30
14126	100	±50	0.0001	1-10k	$\geq 1 \times 10^8$	-50~120	Φ5双芯Integral Cable	M5	25	15.2x45
14128	100	±50	0.0001	1-10k(±10%)	—	-50~120	TNC Top	M5	25	Φ24x34
14226	100	±50	0.0001	1-7k	$\geq 1 \times 10^8$	-40~120	Integral Cable-BNC	M6 Through Hole	110	25x33.5x22
14228	100	±50	0.0001	1-7k	$\geq 1 \times 10^8$	-40~120	Integral Cable-BNC	M6 Through Hole	110	25x33.5x22
15115	300	±16.7	0.00003	1-4k	$\geq 1 \times 10^8$	-40~120	MIL-C-5015	M5	90	27x47
15117	300	±16.7	0.00003	1-4k	$\geq 1 \times 10^8$	-40~120	Integral Cable-BNC	M5	90	27x47
13220	50	±100	0.0002	1-5k	$\geq 1 \times 10^8$	-40~120	TNC Side	M5	75	22x30
14103	100	±50	0.0001	0.5-7k(±10%)	$\geq 1 \times 10^8$	-40~120	TNC Top	M5	46	21x42
14212	100	±50	0.0001	0.5-10k(±10%)	$\geq 1 \times 10^8$	-40~120	M5 Side	M5	27	16x21



15103	250	±20	0.00004	0.5-3.5k(±10%)	≥1×10 <sup>8</sup>	-40~120	TNC Top	M5	55	21x42
14111T	100	±50	0.0001	0.5-9k(±10%)	—	-40~120	Integral Cable-BNC	M5	25	Φ20x35
14121	100	±50	0.0001	1-8k	—	-40~120	Integral Cable-BNC	M5	25	16x21
15121	300	±16.7	0.00003	1-5k	—	-40~120	Integral Cable-BNC	M5	49	16x23
10210	1 (±10%)	±5000	0.01	3-7k(±10%)	≥1×10 <sup>8</sup>	-50~80	Φ5双芯Integral Cable	M6 Through Hole	70	23x26x53

#### 低价位型

- 剪切设计保证环境对信号影响最小
- 进口内置电路，敏感芯体选用国内知名厂家
- 高分辨率低噪声
- 高性能价格比



Model	Sensitivity (mV/g) ±10%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
13108	50	±100	0.0002	0.5-10k(±10%)	—	-40~120	M5 Top	M5	23	16x27
13110	50	±100	0.0002	0.5-9k(±10%)	≥1×10 <sup>8</sup>	-40~120	M6 Top	M5	23	16x27
13111	50	±100	0.0002	0.5-10k(±10%)	—	-40~120	M6 Top	M5	23	16x27
13112	50	±100	0.0002	0.5-9k(±10%)	≥1×10 <sup>8</sup>	-40~120	M5 Top	M5	23	16x27
14108	100	±50	0.0001	0.5-10k(±10%)	—	-40~120	M5 Top	M5	25	16x27
14110	100	±50	0.0001	0.5-8k(±10%)	≥1×10 <sup>8</sup>	-40~120	M6 Top	M5	25	16x27
14111	100	±50	0.0001	0.5-9k(±10%)	—	-40~120	M6 Top	M5	25	16x27
14112	100	±50	0.0001	0.5-8k(±10%)	≥1×10 <sup>8</sup>	-40~120	M5 Top	M5	25	16x27

#### TEDS智能型

- 内置电子数据表，可自动使用传感器校准数据
- 各IEPE型传感器大多数可定制加入TEDS
- 遵循IEEE1451.4标准，TEDS制造商编号ID-96
- 数据表书写格式为ID-25



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Resolution (g rms)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
				±5% (Hz)						
14190	100	±50	0.0001	1-8k	—	-40~120	M5 Top	M5	15	13x25
14594	100	±50	0.0001	1-5k	—	-40~120	M5x2	M4 Through Hole	28	13x13x28

## 200系列电荷输出型

#### 通用型

- 剪切设计保证环境对信号影响最小
- 芯体敏感元件有国产和进口可选
- 轻小型设计，使用特殊方式紧固芯体
- 稳定可靠的频率响应和谐振频率



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
			±5% (Hz)		Domestic ceramic	Import ceramic				



22100/22200	3	±2500	0.5-12K	—	-40~160	-50~250	M5 Top/ Side 连体	M3-M5	4	8x16
23100/23200	10	±2000	0.5-10K	—	-40~160	-50~250	M5 Top/M5 Side	M5	15	13x23.4/13x18
24100/24200	30	±2000	0.5-7K	—	-40~160	-50~250	M5 Top/M5 Side	M5	25	16x28/16x21
25100/25200	50	±1000	0.5-5K	—	-40~160	-50~250	M5 Top/M5 Side	M5	36	18x31/18x26
26100/26200	100	±800	0.5-4K	—	-40~160	-50~250	M5 Top/M5 Side	M5	36	18x33/18x26
27100/27200	300	±300	0.5-3K	≥1×10 <sup>8</sup>	-40~160	-50~250	M5 Top/M5 Side	M5	67	21x36/21x28

### 双轴向

- 剪切设计保证环境对信号影响最小
- 芯体敏感元件有国产和进口可选
- 轻小型设计，中心通孔360度可旋转安装
- 稳定可靠的频率响应和谐振频率



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±5% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension (mm)
					Domestic	Import ceramic				
22504	3	±2500	0.5-8K	—	-40~160	-50~250	M5×2	M3 Through Hole	8.5	8.5x8.5x20
23504	10	±2000	0.5-5K	—	-40~160	-50~250	M5×2	M4 Through Hole	26	13x13x28
24504	30	±2000	0.5-4K	—	-40~160	-50~250	M5×2	M5 Through Hole	30	16.5x16.5x32

### 三轴向

- 剪切设计保证环境对信号影响最小
- 芯体敏感元件有国产和进口可选
- 轻小型设计，中心通孔360度可旋转安装
- 稳定可靠的频率响应和谐振频率



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±5% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension (mm)
					Domestic	Import ceramic				
22500	3	±2500	0.5-8K	—	-40~160	-50~250	M5×3	M4 Through Hole	27	18x22x12
23502	10	±2500	0.5-8	—	—	-50~250	M5×3	M5 Through Hole	20	18x18x12.7
23500	10	±2000	0.5-5K	—	-40~160	-50~250	M5×3	M5 Through Hole	65	28x28x14
24530	30	±1500	0.5-5	—	—	-50~250	M5×3	M5 Through Hole	81	28x28x14
24540	30	±1500	0.5-5	—	-40~160	—	M5×3	M5 Through Hole	81	28x28x14
25500	50	±1000	0.5-1.5K	—	-40~160	-50~250	M5×3	M5 Through Hole	180	39x39x20
26500	100	±800	0.5-1K	—	-40~160	-50~250	M5×3	M5 Through Hole	200	39x39x20
27530	300	±300	0.5-1	—	—	-50~250	M5×3	M5 Through Hole	245	39x39x20
27540	300	±300	0.5-1	—	-40~160	—	M5×3	M5 Through Hole	245	39x39x20

### 小型化

- 剪切设计保证环境对信号影响最小
- 结构紧凑，小型化设计
- 芯体采用进口压电材料
- 使用温度可在250°C下长期使用



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension(mm)
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	(pC/g)	(g peak)	±5% (Hz)	(Ω)	Domestic	Import ceramic				尺寸(mm)
22232	4	±1500	1-10k	—	—	-50~250	M5 Side	Adhesive	1.8	8.5x8.5x11
22236	4	±1500	1-10k	—	—	-50~250	5-44 Side	Adhesive	1.8	8.5x5
26130/26230	100	±1000	0.5-6k	—	—	-50~250	M5 Top/M5 Side	M5	30	16x26/16x21
27130/27230	300	±300	0.5-3.5k	$\geq 1 \times 10^8$	—	-50~250	M5 Top/M5 Side	M5	66	19X35/19X28

环境实验型

- 为环境试验专门设计
- 使用范围-50~+250℃
- 配用进口敏感芯体
- 稳定的温度响应和偏差离散度



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±5% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
					Domestic	Import ceramic				
22150/22250	5	±6000	0.5-15K	—	—	-50~250	M5 Top/M5 Side	M5	12	13x23.4/13x18
22151	5	±6000	0.5-15K	—	—	-50~250	Integral Cable-M5	M5	10	13x23.4
23150/23250	10	±5000	0.5-10K	—	—	-50~250	M5 Top/M5 Side	M5	15	13x23.4/13x18
24150/24250	30	±1500	0.5-7K	—	—	-50~250	M5 Top/M5 Side	M5	25	16x28/16x21
24151	30	±1500	0.5-7K	—	—	-50~250	Integral Cable-M5	M5	25	16x28

大量程和冲击型

- 进口特殊高刚性敏感芯体
- 通过无零漂碰撞试验
- 传感器整体采用特种高刚性不锈钢材料
- 有连体电缆和安装对地绝缘等形式可选



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±5% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
					Domestic	Import ceramic				
21100	1	±25000	1-12K	—	—	-50~230	M5 Top	M5/M6 Integral	7	8.8X20
21101	1	±25000	1-12K	—	—	-50~230	Integral Cable-M5	M5/M6 Integral	7	8.8X20
21102	0.5	±50000	1-12K	—	—	-50~230	M5 Top	M5/M6 Integral	7	8.8X20
21103	1	±25000	1-12K	$\geq 1 \times 10^8$	—	-50~230	M5 Top	M5/M6 Integral	13	12x21
21104	1	±25000	1-12K	$\geq 1 \times 10^8$	—	-50~230	Integral Cable-M5	M5/M6 Integral	13	12x25
21105	0.5	±50000	1-12K	$\geq 1 \times 10^8$	—	-50~230	Integral Cable-M5	M5/M6 Integral	13	12x25
21106	0.3	±80000	3-11	$\geq 1 \times 10^8$	—	-50~200	Integral Cable-M5	M5/M6 Integral	13	12x25
21110	0.2	±100000	3-11	$\geq 1 \times 10^8$	—	-50~200	Integral Cable-M5	M6 Integral	6	10x28
21210	0.2	±100000	3-11	$\geq 1 \times 10^8$	—	-50~200	Side Integral Cable-M5	M6 Integral	6	10x23

三轴向冲击型

- 进口特殊高刚性敏感芯体
- 剪切设计保证环境对信号影响最小
- 传感器整体采用特种高刚性不锈钢材料
- 小型化三轴向设计，中心通孔360度可旋转安装



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±5% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension (mm)
					Domestic	Import ceramic				
21506	0.3	±10000	3-10/X:3-7k	—	—	-50~250	M5×3/ Side	M4 Through Hole	12.5	18.7×10×10.8
20506	0.3	±10000	3-9k	—	—	-50~250	M5×3	M4 Through Hole	7.9	14×14×10
21501	1	±5000	3-10k/X:3-7k	—	—	-50~250	M5×3	M4 Through Hole	12.8	18.7×10×10.8
20509	1	±5000	3-10k	—	—	-50~250	M5×3	M4 Through Hole	8.2	14×14×10

#### 工业型

- 剪切设计保证环境对信号影响最小
- 部分采用工业接头，更适用工业环境
- 压电陶瓷有进口和国产可选
- 高性能价格比



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±5% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
					Domestic	Import ceramic				
24101	30	±1500	0.5-6K	$\geq 1 \times 10^8$	-40~160	-50~250	M5 Top	M5	32	24x29
24105	30	±1500	0.5-6K	$\geq 1 \times 10^8$	-40~160	—	TNC Top	M5	44	21x42
25105	100	±1000	0.5-3.5K	$\geq 1 \times 10^8$	-40~160	—	TNC Top	M5	50	21x42

#### 低价位型

- 剪切设计保证环境对信号影响最小
- 高分辨率，低噪声
- 芯体压电材料选用国内知名厂家
- 高性能价格比，适用于环境较好的一般低振动测量



Model	Sensitivity (pC/g)	Range (g peak)	Frequency Response ±10% (Hz)	Ground Isolated (Ω)	Temp. Range(°C)		Connector	Mounting Thread	Weight (g)	Dimension(mm) Hex.xH
					Domestic	Import ceramic				
23108	10	±2000	0.5-8K	—	-40~160	—	M5 Top	M5	23	16x27
23110	10	±2000	0.5-8K	$\geq 1 \times 10^8$	-40~160	—	M6 Top	M5	23	16x27
23112	10	±2000	0.5-8K	$\geq 1 \times 10^8$	-40~160	—	M5 Top	M5	23	16x27
24108	30	±1500	0.5-8K	—	-40~160	—	M5 Top	M5	28	16x27
24110	30	±1500	0.5-6K	$\geq 1 \times 10^8$	-40~160	—	M6 Top	M5	28	16x27
24111	30	±1500	0.5-7K	—	-40~160	—	M6 Top	M5	28	16x27
24112	30	±1500	0.5-7K	$\geq 1 \times 10^8$	-40~160	—	M5 Top	M5	28	16x27

## 300系列零频输出型

#### 六角型

- 全进口高端电容式芯片
- 差分输出，干扰更小（可选择单端输出）
- 机光焊接密封，钛合金壳体
- 六角底座，M5螺钉直接安装



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Frequency Response	Output Type	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
			±3dB(Hz)							
31201	10	±400	0-2000	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
32201	20	±200	0-1750	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
33201	40	±100	0-1400	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
34201	80	±50	0-1200	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
35201	160	±25	0-900	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
36201	400	±10	0-600	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
37201	800	±5	0-400	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20
38201	2000	±2	0-300	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M5	12	16×20

备注: 1. 传感器可以选择单端输出, 型号为3x211 2. 单端输出传感器指标请参考3x511  
3. 传感器标配电缆为1/4-28—BNC×2 4. 可选配电源适配器63100 (12V可充电直流电源)

#### 方型通孔安装

- 全进口高端电容式芯片
- 机光焊接密封, 钛合金壳体
- 差分输出, 干扰更小 (可选择单端输出)
- 正方通孔, M3螺栓安装



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Frequency	Output Type	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
			±3dB(Hz)							
31202	10	±400	0-2000	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
32202	20	±200	0-1750	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
33202	40	±100	0-1400	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
34202	80	±50	0-1200	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
35202	160	±25	0-900	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
36202	400	±10	0-600	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
37202	800	±5	0-400	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10
38202	2000	±2	0-300	Differential	≥1×10 <sup>8</sup>	-55~125	1/4-28	M3 Through Hole	8.4	19×19×10

备注: 1. 传感器可以选择单端输出, 型号为3x212 2. 单端输出传感器指标请参考3x511  
3. 传感器标配电缆为1/4-28—BNC×2 4. 可选配电源适配器63100 (12V可充电直流电源)

#### 三轴向立方型

- 全进口高端电容式芯片
- 机光焊接密封, 钛合金壳体
- 单端输出
- 三轴输出, M4螺栓通孔安装



Model	Sensitivity (mV/g) ±5%	Range (g peak)	Frequency	Output Type	Ground Isolated (Ω)	Temp. Range(°C)	Connector	Mounting Thread	Weight (g)	Dimension (mm)
			±3dB(Hz)							

31511	10	±180	0-1200	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20
32511	20	±90	0-1200	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20
33511	50	±36	0-1000	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20
34511	100	±18	0-600	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20
35511	250	±7	0-400	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20
36511	500	±3.6	0-300	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20
37511	1000	±1.8	0-200	Single-ended	—	-55~125	1/4-28	M4 Through Hole	22.4	23×23×20

备注：  
 1. 传感器标配电缆为1/4-28—BNC×4  
 2. 可选配信号适调仪63100（12V可充电直流电源）