

Industrial Monitoring Sensor

- Built-in IEPE,
- low noise
- strong resistance of disturbance
- Isolated, Floating, industrial site monitoring

Model						
	CA-YD-187T	CA-YD-187T0 2	CA-YD-187C	CA-YD-187C0 1	CA-YD-188T	CA-YD-188C
Sensitivity (20±5℃)	100 mV/g	100 mV/g	100 mV/g±5%	100 mV/g	500 mV/g	500 mV/g±5%
Measurement Range(pk)	±50 g	±50 g	±50 g	±50 g	±10 g	±10 g
Max Transverse Sensitivity	<5%	<5%	<5%	<5%	<5%	<5%
Frequency Response(±5%) Hz	0.6~10,000	0.6~10,000	1~5000	1~7,000	0.6~5,000	0.5~5000
Mounting Resonant Frequency		30 KHz		30 KHz	15KHZ	
Operating Temp. Range	-40~+120 ℃	-40~+120 ℃	-40~+120 ℃	-40~+120 ℃	-40~+120 ℃	-40~+120 ℃
Noise	<50 μV	<50 μV	<40 μV	<50 μV	<80 μV	<80 μV
Output Impedance	<100 Ω	<100 Ω	<100 Ω	<100 Ω	<100 Ω	<100 Ω
Operating Voltage (Constant current source)	18~28 VDC	18~28 VDC	18~24 VDC	18~28 VDC	18~28 VDC	18~24 VDC
Operating Current	2~10 mA	2-10 mA	2~10 mA	2-10 mA	2-10 mA	2-10 mA
Mounting	1/4-28	1/4-28	M6 Through Hole	φ6.4 Through Hole	1/4-28	M6 Through hole
Sensing Element	Piezoelectric Ceramics	Piezoelectric Ceramics	Piezoelectric Ceramics	Piezoelectric Ceramics	Piezoelectric Ceramics	Piezoelectric Ceramics
Case Material	Stainless steel	Stainless steel	316L Stainless steel	304 stainless steel	Stainless steel	316L Stainless steel
Output	Top 5/8-24 2-pin Socket	Top 5/8-24 2-pin Socket	Side 5/8-24 2-pin Socket	Side 5/8-24 2-pin Socket	Top 5/8-24 2-pin Socket	Side 5/8-24 2-pin Socket
Weight	~75 g	~52 g	110 g	73 g	~90 g	132 g