

## Piezoelectric Pressure Sensors with Charge Output (Small Size / Light Weight)

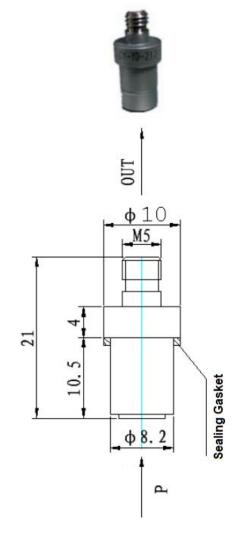
Model: CY-YD-212

## Features:

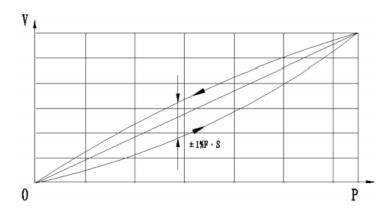
Measurement of pipeline pressure, blast pressure Support static calibration Wide frequency range, high stiffness

## **Specifications:**

Sensitivity (20 ± 5°C)	~100 pC/MPa
Measurement Range	0 ~ 10 MPa
Overload Capacity	120%
Non linearity	≤ 1% F.S.
Lag	≤ 1% F.S.
Non Repeatability	≤ 1% F.S.
Mounting Resonance Frequency	> 100 kHz
Operation Temp. Range	-40∼+250 °C
Insulation Resistance	≥10 <sup>13</sup> Ω
Capacitance	7 pF
Mounting Method	Adaptive Clamper
Sensing Element	Quartz
Case Material	Iron nickel alloy
Weight	6 g
Output Type	L5
Grounding	Signal Ground Connected to Case
Protection Cap & Sealing Gasket	Included
Protection Cap & Sealing Gasket Low Noise Cable to BNC	Included Included



Schematic diagram



Typical static error curve (3 time average)