

## Piezoelectric Pressure Sensors with Charge Output

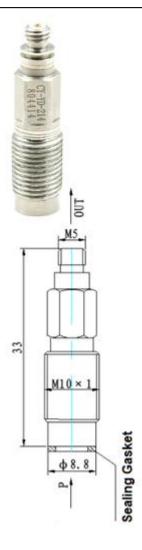
Model: CY-YD-214

## Features:

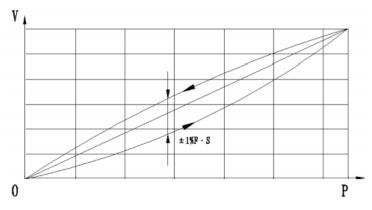
Measurement of pipeline pressure, blast pressure Support static calibration Wide frequency range, high stiffness

## **Specifications:**

Sensitivity (20 ± 5°C)	~30 pC/MPa
Measurement Range	0 ~ 200 MPa
Overload Capacity	120%
Non linearity	≤ 1% F.S.
Lag	≤ 1% F.S.
Non Repeatability	≤ 1% F.S.
Mounting Resonance Frequency	> 150 kHz
Operation Temp. Range	-40∼+150 °C
Insulation Resistance	≥10 <sup>13</sup> Ω
Capacitance	~5 pF
Mounting Method	M10 ×1
Sensing Element	Quartz
Case Material	High-strength stainless steel
Weight	20 g
Output Type	L5
Grounding	Signal Ground Connected to Case
Protection Cap & Sealing Gasket	Included
Low Noise Cable to BNC	Included
Calibration Certificate	Included



Schematic diagram



Typical static error curve (3 time average)