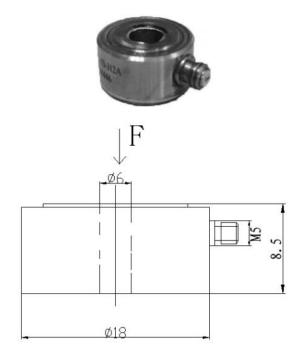


Piezoelectric Force Sensors with Charge Output

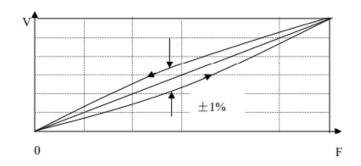
Model: CL-YD-312

Specifications:

Axial Sensitivity (20±5°C)	~4 pC/N
Measurement Range	0 ~ 5 kN
Overload Capacity	120%
Non linearity	≤ 1% F.S.
Lag	≤ 1% F.S.
Non Repeatability	≤ 1% F.S.
Mounting Resonance Frequency	> 45 kHz
Operation Temp. Range	-40~+200 °C
Insulation Resistance	≥10 ¹³ Ω
Capacitance	8 pF
Mounting Method	Φ6 through hole
Sensing Element	Quartz
Case Material	Stainless Steel
Weight	14 g
Output Type	L5 (side)
Grounding	Signal Ground Connected to Case
Low Noise Cable to BNC	Included
Calibration Certificate	Included



Schematic diagram



Typical static error curve (3 time average)