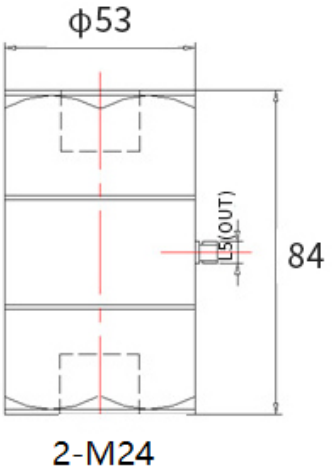
Piezoelectric Force Sensors with Charge Output

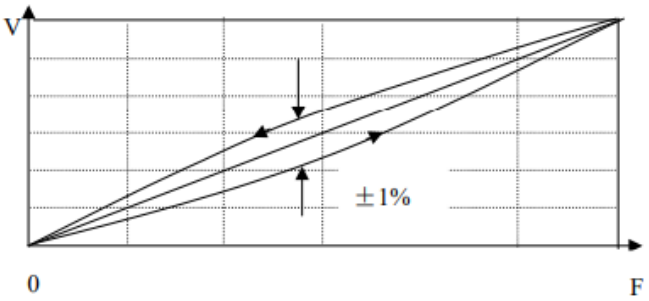
Model: CL-YD-2060

Specifications:

Axial Sensitivity (20±5°C)	~ 1.6 pC/N
Tension and Compression Sensitivity Discordance	≤ 2%
Measurement Range	± 60 kN
Overload Capacity	120%
Non linearity	≤ 1% F.S.
Lag	≤ 1% F.S.
Non Repeatability	≤ 1% F.S.
Mounting Resonance Frequency	> 20 kHz
Operation Temp. Range	-54～+121 ℃
Insulation Resistance	⩾10^{13} Ω
Capacitance	~ 58 pF
Mounting Method	2-M24
Sensing Element	Quartz
Case Material	High-Strength Stainless Steel
Weight	~ 1150 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)