



0 to 10kN Tension and Compression Transducer

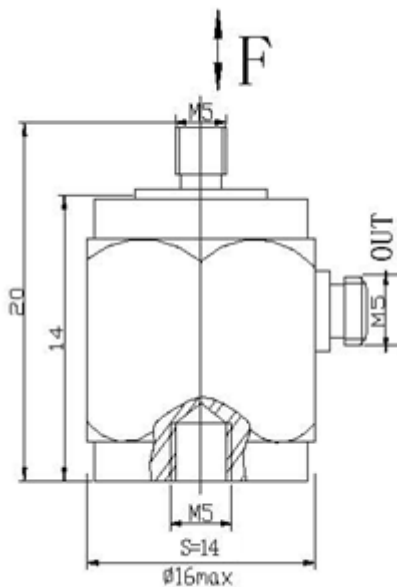
Model CL-YD-311

FEATURES

- Fast dynamic response
- Small size and low weight
- Charge output
- Static calibration
- LC-01A hammer transducer

SUPPLIED WITH

- Calibration chart
- Protective cap



PERFORMANCE

Sensitivity (at $20\pm 5^{\circ}\text{C}$)	4pC/N
Measurement range	0 to 2kN
Overload capacity	120%
Non-linearity	$\leq 1\%$ of full scale
Hysteresis	$\leq 1\%$ of full scale
Non-repeatability	$\leq 1\%$ of full scale
Resonance frequency	$> 55,000\text{Hz}$

ELECTRICAL CHARACTERISTICS

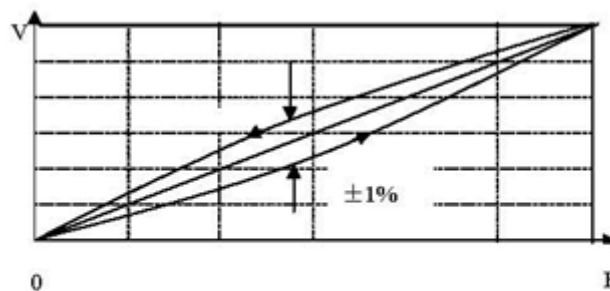
Isolation resistance	$> 10^{13} \Omega$
Capacitance	7pF

PHYSICAL CHARACTERISTICS

Weight	16g
Case material	stainless steel
Sensing element	quartz
Mounting	M5 thread
Electrical connection	L5 connector

ENVIRONMENTAL CHARACTERISTICS

Temperature range	-196 to $+200^{\circ}\text{C}$
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Typical Static Error Characteristics