



# Quartz Force Sensor (Compression Only)

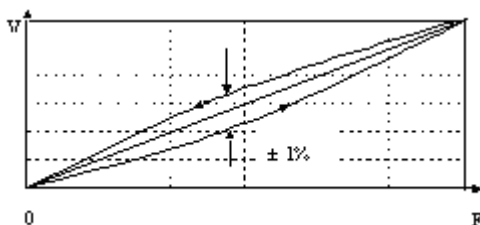
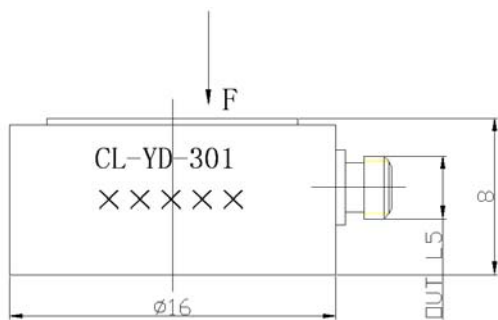
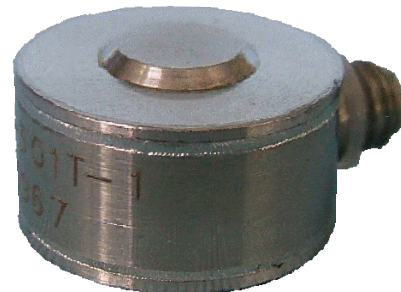
Model: CL-YD-301

### FEATURES

- Quartz force transducer for measuring dynamic or quasi-static force.
- Wide frequency range.
- Small size, light weight, laser welding.
- Easy to mount and use.

### SUPPLIED WITH

- Calibration chart.
- Protective cap.
- STYV-1 Lower noise cable (2m).



Typical static calibration curve (3 times average)

### Technical Specifications:

Sensitivity ( 20±5°C )	4pC/N
Calibrated range	0 to 5,000N
Overload	120 %
Linearity,	< 1%F·S.
Hysteresis,	< 1%F·S
Repeatability	< 1%F·S
Capacitance	7pF
Insulation Resistance	> 1013Ω
Resonance Frequency	> 70kHz
Operating Temperature Range	-40 to +200 °C
Weight	20 g
Case Material	Stainless steel
Mounting	Adhesive or fixture
Sensing Element	Quartz
Output Type	Side -L5