



SINOCERA



Global Sensor
Technology

Quartz Force Sensor (Tension and Compression)

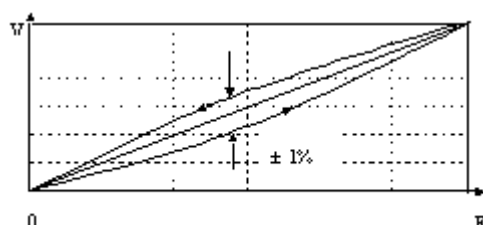
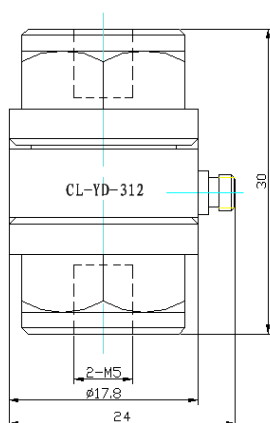
Model : CL-YD-312

FEATURES

- Quartz force transducer for measuring dynamic or quasi-static force.
- Wide frequency range.
- Compact dimensions Stainless case.
- Without preload.

SUPPLIED WITH

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



Technical Specifications:

Sensitivity (20±5°C)	3pC/N
Sensitivity Discordance (Tension and compression)	≤2%
Calibrated range	±5,000N
Overload	120 %
Linearity	<1%F·S.
Hysteresis	<1%F·S
Repeatability	<1%F·S
Capacitance	18pF
Insulation Resistance	>1013Ω
Resonance Frequency	>50kHz
Operating Temperature Range	-40 to +150 °C
Weight	145 g
Case Material	High strength stainless steel
Mounting	2-M5
Sensing Element	Quartz
Output Type	Side -L5

The typical static calibration curve (3 times average)