



SINOCERA



Global Sensor Technology

## Piezoelectric Velocity Transducer

Model: CS-YD-005

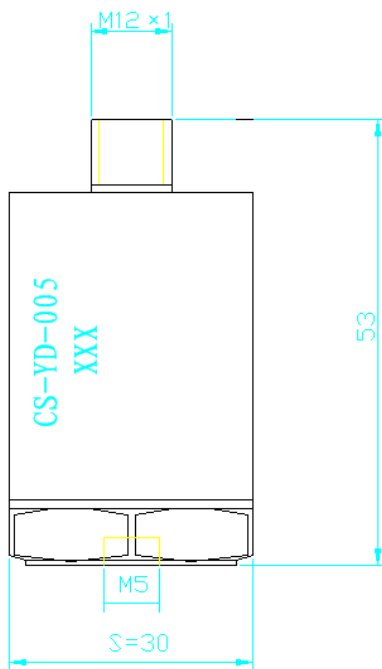
### FEATURES

- Built-in piezoelectric accelerometer and for converting acceleration to velocity output by internal precise integrating circuit.
- Wide frequency response, high sensitivity.
- Good reliability, suitable for random direction as Vertical and horizontal.



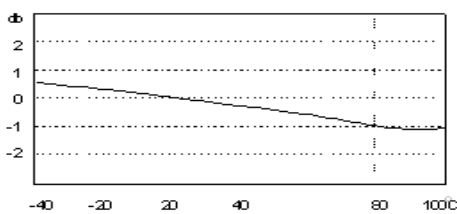
### SUPPLIED WITH

- Calibration chart
- 4-core shielded cable (2m)

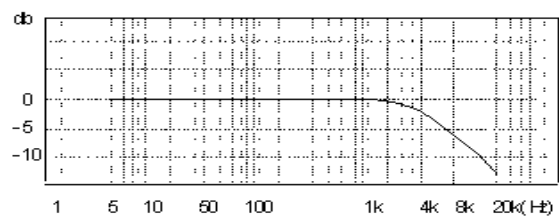


### Technical Specifications:

Sensitivity (20±5°C)	50mV/mm/s
Measuring Range	100mm/s
Frequency Range	4 to 2000Hz
Transverse sensitivity	<5%
Operating Temperature Range	-10 °C to +70 °C
Power Supply	±10V to ±15V (DC)
Operating Current	2 to 10mA
Output Impedance	<100 Ω
Offset Voltage	0V
Dynamic range	±10Vp
Case Material	Stainless Steel
Weight	110g
Mounting	M5
Sensing Element	PZT-5
Output Type	M12×1(4-pins Socket) Pin 1: VCC+ ; Pin 2:VCC-; Pin 3:Ground; Pin 4:Signal Output



Typical Temperature Curve



Typical Frequency Response Curve

Global Sensor Technology

Unit 1, 26 Fairholme Road, Manchester, M20 4NT, UK

Phone: +44 (0)161 446 4848 Fax: +44 (0)161 438 2828 [www.globalsensortech.com](http://www.globalsensortech.com) techsupport@globalsensortech.com