



Description and Features

The GI10/1 is a passive piezoelectric AE sensor with very low frequency response, all-metal shell features makes it reliable and could be buried in the ground for long-term monitoring.

Technical Specs

Frequency Range	1Hz-15kHz
Sensitivity Peak Ref V/(m/s)	>80dB
Integral preamplifier	34dB12V
Preamp. Impedance	50 Ω
Working Temp.	-20 to 50°C
Size (DxH)	38.5x85mm
Weight	720 g
Case Material	SUS-304
Face Material	SUS-304
Protecting Grade	IP68
Connector	BNC on integral cable
Connector Location	Top

Accessories

Signal cable model	SYV-50-3/ STYV-50-2
Hold-down	Self-magnetic



Applications

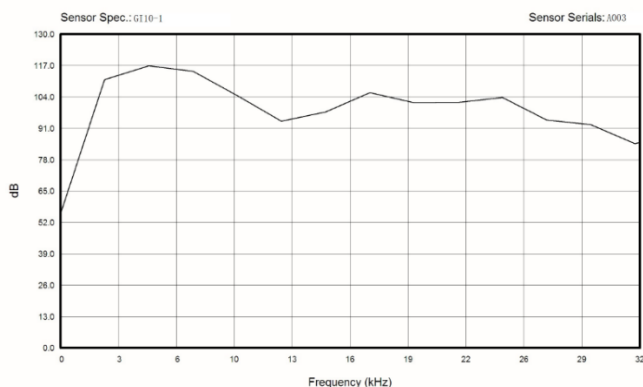
This sensor could be used underground for monitoring geologic structures like slope and for detecting buried pipelines. It also could be used for monitoring leakage and corrosion of the bottom of storage tanks or valves.



Standards

Calibration standard	ISO12714
	GB/T 19801

AE SENSOR CALIBRATION CERTIFICATE



Certification



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