GI10/2

Integral Preamplifier underground Sensor

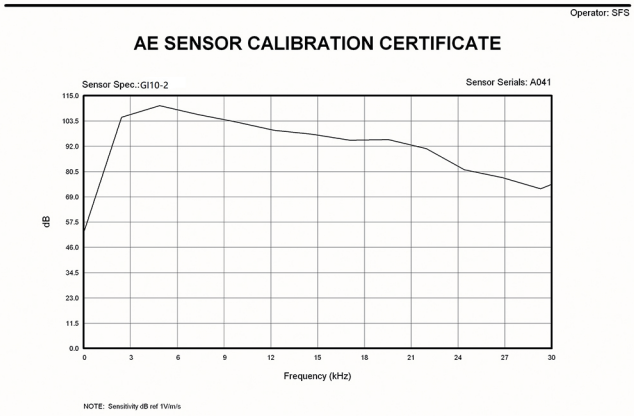


Applications

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	ISO 24543:2022
	GB/T 45578-2025



Description and Features

The GI10/2 is a passive piezoelectric AE sensor with very low frequency response, all-meta shell features makes it reliable and could be buried in the ground for long-term monitor-ing.

Technical Specs

Resonant Freq. Ref V/(m/s)	1KHz-15kHz
Frequency Range	>80dB
Sensitivity Peak Ref V/(m/s)	40dB28V
Preamp.Impedance	50Ω
Working Temp.	-20 to 50℃
Size (DxH)	38.5×85mm
Weight	About 360g
Case Material	SUS-304
Face Material	Stainless steel
Protecting Grade	IP68
Connector	BNC on integral cable
Connector Location	Top
Cable Length	3m

Accessories

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

Certification

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