



Description and Features

The GI40 is a passive piezoelectric AE sensor with built-in 40dB28V preamplifier. And 15kHz-70kHz bandwidth makes it suitable for detecting low frequency acoustic emission signals.

Technical Specs

Resonant Freq. Ref V/(m/s)	40kHz
Frequency Range	15kHz-70kHz
Sensitivity Peak Ref V/(m/s)	>75dB
Integral preamplifier	40dB28V
Preamp. Impedance	50 Ω
Working Temp.	-20 to 50°C
Size (DxH)	30×57mm
Weight	193 g
Case Material	SUS-304
Face Material	Ceramic
Protecting Grade	IP62
Connector	BNC
Connector Location	Side



Applications

The low frequency response makes it suitable for monitoring conditions of large objects like concrete, steel structures and geologic structures. It also could be used for monitoring leakage and corrosion of storage tanks or valves and for detecting partial discharge.



Standards

Calibration standard	ISO12714
	GB/T 19801

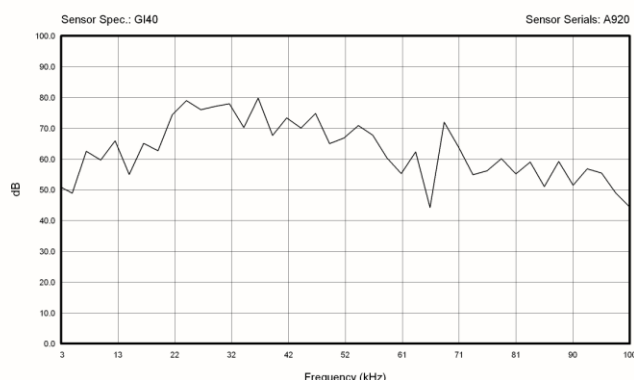
Accessories

Signal cable model	SYV-50-3/ STYV-50-2
Hold-down	M36A

Certification



AE SENSOR CALIBRATION CERTIFICATE



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