



### Description and Features

The G40 is a passive piezoelectric AE sensor with narrowband. And 15kHz-70kHz bandwidth makes it suitable for detecting low frequency acoustic emission signals. It belongs to the low frequency sensor.

### Applications



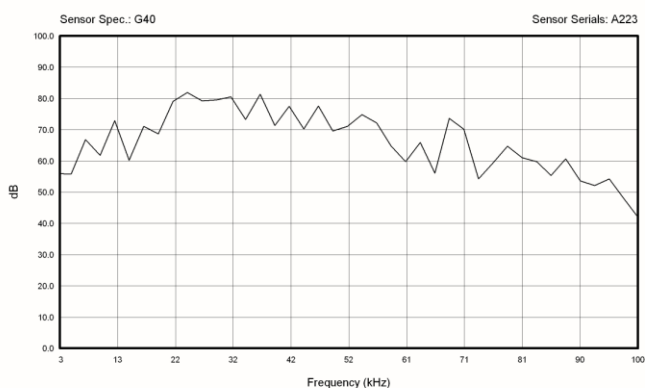
The low frequency response makes it suitable for monitoring conditions of large objects like concrete, steel structures and geologic structures. It also could be used for monitoring leakage and corrosion of pressure vessels or valves and for detecting partial discharge.

### Standards



Calibration standard	ISO12714
	GB/T 19801

### AE SENSOR CALIBRATION CERTIFICATE



### Technical Specs

Resonant Freq. Ref V/(m/s)	40kHz
Frequency Range	15kHz-70kHz
Sensitivity Peak Ref V/(m/s)	>75dB
Working Temp. Size (DxH)	-20 to 120°C 22x36.8mm
Weight	82g
Case Material	SUS-304
Face Material	Ceramic
Protecting Grade	IP62
Connector	M5
Connector Location	Side

### Accessories

Signal cable model	RG178/RG316
Hold-down	Saddle type
Preamplifier	PAS/PAV

### Certification



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