

### Description and Features

The GI35/1 is a passive piezoelectric AE sensor with built-in 26dB5V preamplifier. And 15kHz-70kHz bandwidth makes it suitable for detecting low frequency acoustic emission signals.

### Technical Specs

<b>Resonant Freq.</b> Ref V/(m/s)	40kHz
<b>Frequency Range</b>	15kHz-70kHz
<b>Sensitivity Peak</b> Ref V/(m/s)	>75dB
<b>Integral preamplifier</b>	26dB5V
<b>Preamp. Impedance</b>	50 Ω
<b>Working Temp.</b>	-20 to 50°C
<b>Size (DxH)</b>	22x42.6mm
<b>Weight</b>	79 g
<b>Case Material</b>	SUS-304
<b>Face Material</b>	Ceramic
<b>Protecting Grade</b>	IP62
<b>Connector</b>	SMA
<b>Connector Location</b>	Side

### Applications



The low frequency response makes it suited for monitoring 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

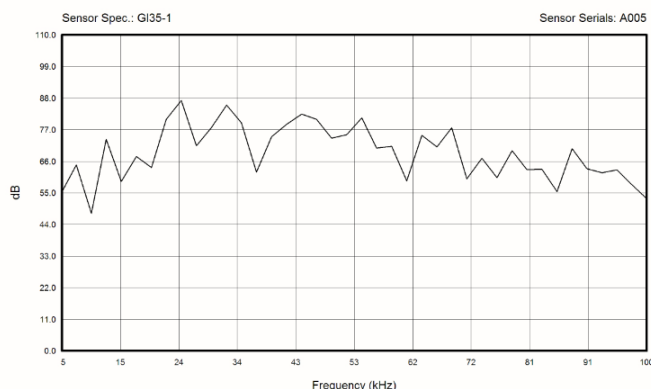


<b>Calibration standard</b>	ISO12714
	GB/T 19801

### Accessories

<b>Signal cable model</b>	RG178/RG316
<b>Hold-down</b>	Saddle type

### AE SENSOR CALIBRATION CERTIFICATE



### Certification



QingCheng AE Institute (Guangzhou) Co., Ltd

**Website:** [www.aendt.com](http://www.aendt.com) **Tel:** +86-20-32290092 **E-mail:** [sales2@ae-ndt.com](mailto:sales2@ae-ndt.com) **Skype:** Jessicajia  
 Address: Room 601-9, Building 3, 232 Kezhu Road, Huangpu District, Guangzhou City, Guangdong Province, CHINA

Specifications subject to change without notice. Copyright @ 2022 Qingcheng AE Institute. All Rights Reserved.