Electromagnetic vibration sensor

Inductance value: 5.5±10%mH
DC impedance: 130±10%ohm
Reaction orientation: omnibearing
Pull force of terminal: 500gf for 1 minute
Operating lifespan: above 50000 circle
Enameled wire: 2UEW0.06
Magnetic core: NdFeB N42NI-CU-NI
Iron core: 1215NI
Silica gel: Toshiba silica gel
Pin foot: CP Wire
Welding time: 2-2.5 seconds
Main body frame: T375J PHENOLIC UL-94V-0
Storage temperature: -40°C to +85°C
Operating temperature: -25°C to +85°C
Humidity: 95% RH, 40°C for 96 hours

Features:
The sensor can output a faint current signal. The current is proportional to the vibration radiation, and then the current is compared with the operational amplifier in the circuit amplified.
The circuit ends with a NPN triode through which the R9 outputs a pull-down signal.
The sensitivity can be appropriately adjusted by the VR1 in the circuit.