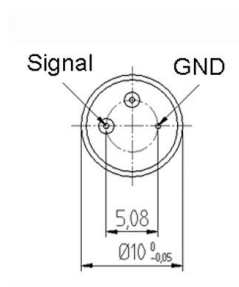
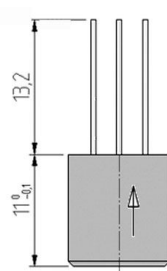
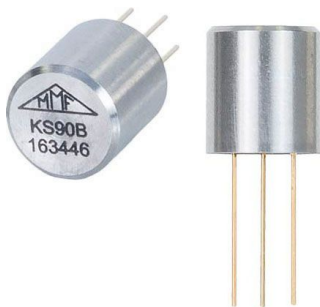


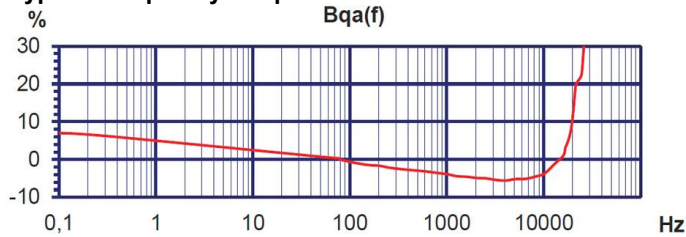
Properties

- OEM transducer for drill hole mounting
- TO39 pin layout
- Low-cost transducer for mass production
- Charge output for power-saving applications

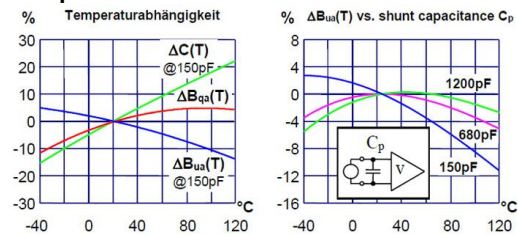


Piezo design	Shear design	
Output	Charge	
Voltage sensitivity	20	mV/g
Charge sensitivity	10	pC/g
Sensitivity tolerance	20	%
Measurement range, pos./neg.	5000	g
Destruction limit	10000	g
Capacitance without cable	480	pF
Transverse sensitivity	<5	%
Upper frequency limit (3 dB)	27000	Hz
Upper frequency limit (10 %)	20000	Hz
Upper frequency limit (5 %)	17000	Hz
Resonant frequency	>44	kHz
Resonance amplitude	25	dB
Operating temperature range	-40 - 150	°C
Temperature coefficient of voltage sensitivity	-0,14 - 0,05	%/K
Temperature coefficient of charge sensitivity	0,04 - 0,12	%/K
Temperature coefficient of capacitance	0,25	%/K
Temperature transient sensitivity	0,1	m/s²/K
Magnetic field sensitivity	10	m/s²/T
Weight without cable	5.1	g
Case material	Stainless steel	
Connector direction	axial	
Connector	TO-39	
Mounting	Adhesive in drill hole Ø10, depth >6 or clamping	

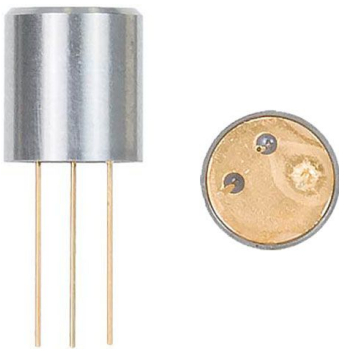
Typical Frequency Response



Temperature Coefficient



Notice: This sensor is supplied with a list protocol showing its individually measured sensitivity.



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08.23

