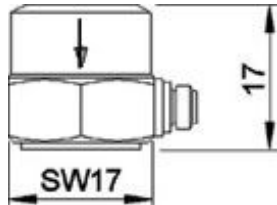


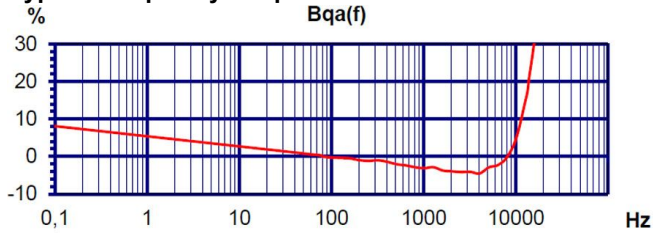
## Properties

- General purpose shear-type accelerometer
- Operating temperature up to 250 °C (480 °F)
- Low sensitivity to temperature transients
- Low influence of base bending effects
- Charge output, no external power required
- Wide dynamic range
- High resonant frequency
- Rugged stainless steel housing

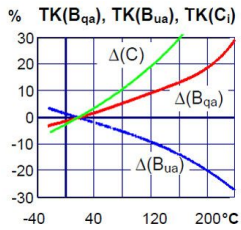


Piezo design	Shear design	
Output	Charge	
Voltage sensitivity	36	mV/g
Charge sensitivity	20	pC/g
Sensitivity tolerance	20	%
Measurement range, pos./neg.	4000	g
Destruction limit	8000	g
Transverse sensitivity	<5	%
Upper frequency limit (3 dB)	17000	Hz
Upper frequency limit (10 %)	11000	Hz
Upper frequency limit (5 %)	10000	Hz
Resonant frequency	>29	kHz
Resonance amplitude	30	dB
Operating temperature range	-30 - 250	°C
Temperature coefficient of voltage sensitivity	-0,07 (25 °C)	%/K
	-0,09 (150 °C)	%/K
	-0,12 (250 °C)	%/K
Temperature coefficient of charge sensitivity	0,08 (25 °C)	%/K
	0,1 (150 °C)	%/K
	0,13 (250 °C)	%/K
Temperature coefficient of capacitance	0,15 (25 °C)	%/K
	0,2 (150 °C)	%/K
	0,34 (250 °C)	%/K
Temperature transient sensitivity	0,02	m/s <sup>2</sup> /K
Magnetic field sensitivity	2	m/s <sup>2</sup> /T
Weight without cable	23	g
Case material	Stainless steel	
Connector direction	radial	
Connector	UNF10-32	
Mounting	M5	

### Typical Frequency Response



### Temperature Coefficient



### Connection Accessories

- 009-UNF-UNF-1,5
- 009-UNF-BNC-1,5
- 010-UNF-BNC-10
- 017
- 025

### Mounting Accessories

- 001
- 006
- 045
- 008

### Delivery version with accessories kit KS57/01

- KS57
- 009/T-UNF-BNC-1,5
- 002
- 001

**Notice:** The standard delivery includes an individual data sheet.  
Upon request, we also offer DAkkS-accredited calibration.

Manfred Weber

**Metra Mess- und Frequenztechnik in Radebeul e.K.**

Meissner Str. 58

D-01445 Radebeul

Tel. +49-(0)351-836 2191

Internet: [www.MMF.de](http://www.MMF.de)

Email: [Info@MMF.de](mailto:Info@MMF.de)

Fax: +49-(0)351-836 2940

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