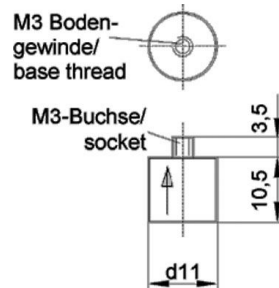


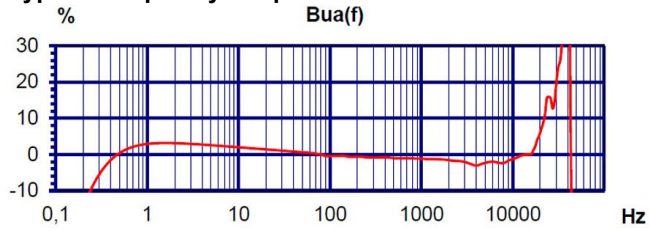
## Properties

- Miniature transducer for light test objects
- Wide dynamic range
- High resonant frequency
- Two sensitivity versions (10 and 100 mV/g)
- Good resolution, also at low frequencies
- M3 base thread

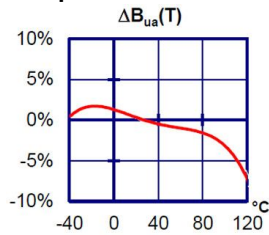


Piezo design	Shear design	
Output	IEPE	
Voltage sensitivity	10	mV/g
Sensitivity tolerance	5	%
Measurement range, pos./neg.	600	g
Destruction limit	8000	g
Transverse sensitivity	<5	%
Lower frequency limit (3 dB)	0,15	Hz
Upper frequency limit (3 dB)	35000	Hz
Lower frequency limit (10 %)	0,25	Hz
Upper frequency limit (10 %)	22000	Hz
Lower frequency limit (5 %)	0,35	Hz
Upper frequency limit (5 %)	19000	Hz
Resonant frequency	>70	kHz
Resonance amplitude	25	dB
Constant current supply	2 - 20	mA
Bias voltage at 4 mA	12 - 14	V
Output impedance	<150	Ω
Residual noise; wide band; RMS	<3000 (0,5 - 20000 Hz)	μg
Noise density 1 Hz	750	μg/√Hz
Noise density 10 Hz	150	μg/√Hz
Noise density 100 Hz	40	μg/√Hz
Noise density 1000 Hz	10	μg/√Hz
Operating temperature range	-40 - 120	°C
Temperature coefficient of voltage sensitivity	-0,03 (-20 °C)	%/K
	-0,04 (20 °C)	%/K
	-0,03 (80 °C)	%/K
	-0,08 (120 °C)	%/K
Temperature transient sensitivity	1,2	m/s <sup>2</sup> /K
Magnetic field sensitivity	4,6	m/s <sup>2</sup> /T
Weight without cable	2.4	g
Case material	Aluminum/stainless steel	
Connector direction	axial	
Connector	Subminiature M3	
Mounting	M3	

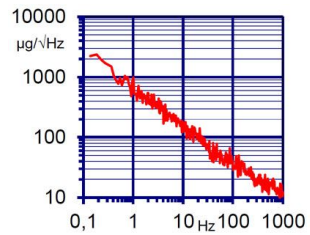
### Typical Frequency Response



### Temperature Coefficient



### Noise Characteristics



### Connection Accessories

- 009-SUB-BNC-1,5
- 009/T-SUB-UNF-1,5
- 017
- 025

### Mounting Accessories

- 002
- 106
- 022
- 130

### Delivery version with accessories kit KS94C10/01

- KS94C10
- 009-SUB-BNC-1,5
- 002
- 129

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

Manfred Weber

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