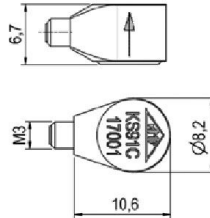


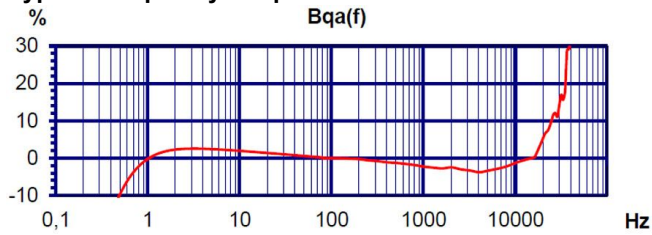
Properties

- Miniature transducer for light test objects
- Wide dynamic range
- High resonant frequency
- Low temperature coefficient
- Replaceable cable
- Insulated base avoiding ground loops

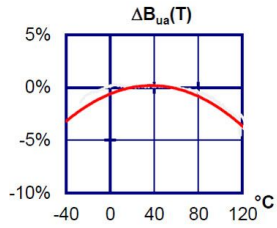


Piezo design	Shear design	
Output	IEPE	
Voltage sensitivity	10	mV/g
Sensitivity tolerance	20	%
Measurement range, pos./neg.	600	g
Destruction limit	10000	g
Transverse sensitivity	<5	%
Lower frequency limit (3 dB)	0,3	Hz
Upper frequency limit (3 dB)	37000	Hz
Lower frequency limit (10 %)	0,6	Hz
Upper frequency limit (10 %)	23000	Hz
Lower frequency limit (5 %)	0,9	Hz
Upper frequency limit (5 %)	20000	Hz
Resonant frequency	>60	kHz
Resonance amplitude	25	dB
Constant current supply	2 - 20	mA
Bias voltage at 4 mA	12 - 14	V
Output impedance	<100	Ω
Residual noise; wide band; RMS	<3000 (0,5 - 20000 Hz)	μg
Noise density 1 Hz	500	μg/√Hz
Noise density 10 Hz	100	μg/√Hz
Noise density 100 Hz	20	μg/√Hz
Noise density 1000 Hz	8	μg/√Hz
Operating temperature range	-40 - 120	°C
Temperature coefficient of voltage sensitivity	0,05 (-20 °C)	%/K
	0 (20 °C)	%/K
	-0,02 (80 °C)	%/K
	-0,04 (>80 °C)	%/K
Temperature transient sensitivity	2,5	m/s²/K
Magnetic field sensitivity	4,5	m/s²/T
Weight without cable	1.3	g
Case material	Aluminum; hard coated	
Connector direction	radial	
Connector	Subminiature M3	
Mounting	Adhesive	
Isolated mounting	yes	

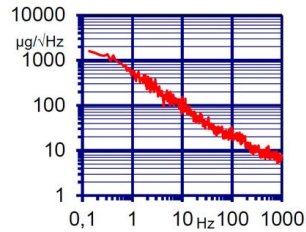
Typical Frequency Response



Temperature Coefficient



Noise Characteristics



Connection Accessories

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

Mounting Accessories

- 002
- 039

Delivery version with accessories kit KS91C/01

- KS91C
- 009-SUB-BNC-1,5
- 038

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

Email: Info@MMF.de

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

10.22

