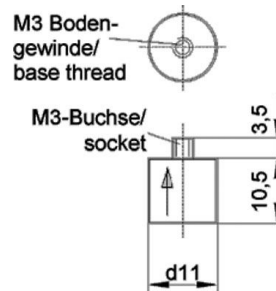


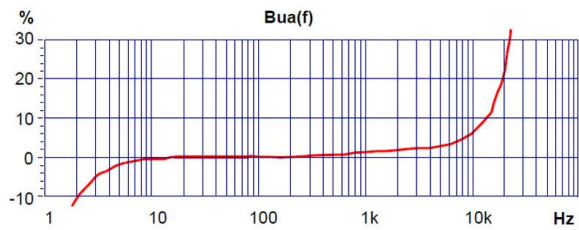
Properties

- Miniature transducer for light test objects
- High resonant frequency
- Low-power IEPE output for power-saving operation
- M3 base thread

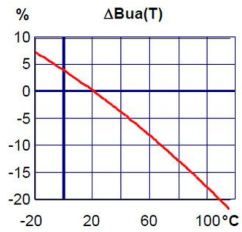


| | | |
|--|--------------------------|---------------------|
| Piezo design | Shear design | |
| Output | Low-power IEPE | |
| Voltage sensitivity | 14 | mV/g |
| Sensitivity tolerance | 20 | % |
| Measurement range, pos./neg. | 240 | g |
| Destruction limit | 8000 | g |
| Transverse sensitivity | <5 | % |
| Lower frequency limit (3 dB) | 0,3 | Hz |
| Upper frequency limit (3 dB) | 22000 | Hz |
| Lower frequency limit (10 %) | 0,7 | Hz |
| Upper frequency limit (10 %) | 12000 | Hz |
| Lower frequency limit (5 %) | 0,9 | Hz |
| Upper frequency limit (5 %) | 8000 | Hz |
| Resonant frequency | >40 | kHz |
| Resonance amplitude | 25 | dB |
| Constant current supply | 0,1 - 4 | mA |
| Bias voltage at 4 mA | 4 - 6 | V |
| Output impedance | <1200 | Ω |
| Residual noise; wide band; RMS | <1000 (0,5 - 20000 Hz) | μ g |
| Operating temperature range | -20 - 90 | $^{\circ}$ C |
| Temperature coefficient of voltage sensitivity | -0,17 ($^{\circ}$ C) | %/K |
| Temperature transient sensitivity | 3 | m/s ² /K |
| Weight without cable | 3.5 | g |
| Case material | Aluminum/stainless steel | |
| Connector direction | axial | |
| Connector | Subminiature M3 | |
| Mounting | M3 | |

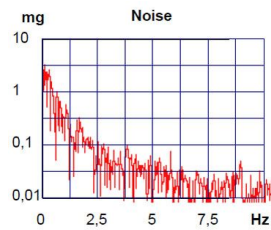
Typical Frequency Response



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 KS94L/01

- KS94L
- 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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