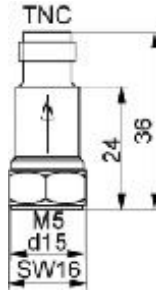


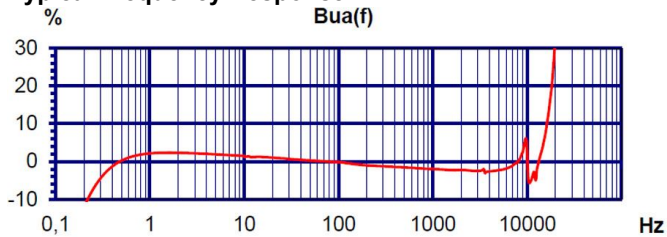
## Properties

- Two sensitivity versions (10 and 100 mV/g)
- Low weight
- With insulated base avoiding ground loop problems
- Rugged stainless steel case

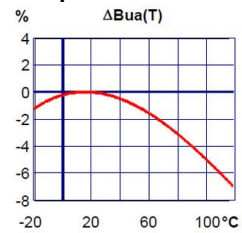


Piezo design	Shear design	
Output	IEPE	
Voltage sensitivity	100	mV/g
Sensitivity tolerance	5	%
Measurement range, pos./neg.	60	g
Destruction limit	5000	g
Transverse sensitivity	<5	%
Lower frequency limit (3 dB)	0,13	Hz
Upper frequency limit (3 dB)	16000	Hz
Lower frequency limit (10 %)	0,3	Hz
Upper frequency limit (10 %)	15000	Hz
Lower frequency limit (5 %)	0,4	Hz
Upper frequency limit (5 %)	8000	Hz
Resonant frequency	>32	kHz
Resonance amplitude	25	dB
Constant current supply	2 - 20	mA
Bias voltage at 4 mA	12 - 14	V
Output impedance	<130	Ω
Residual noise; wide band; RMS	<300 (0,5 - 20000 Hz)	μg
Noise density 1 Hz	50	μg/√Hz
Noise density 10 Hz	10	μg/√Hz
Noise density 100 Hz	3	μg/√Hz
Noise density 1000 Hz	1	μg/√Hz
Operating temperature range	-20 - 120	°C
Temperature coefficient of voltage sensitivity	0,06 (<0 °C)	%/K
	±0,02 (0 - 80 °C)	%/K
	>0,06 (>80 °C)	%/K
Temperature transient sensitivity	0,005	m/s²/K
Weight without cable	32	g
Case material	Stainless steel	
Connector direction	axial	
Connector	TNC	
Mounting	M5	
Isolated mounting	yes	
Protection grade	IP64	

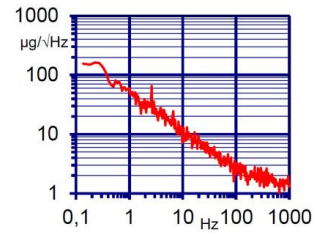
### Typical Frequency Response



### Temperature Coefficient



### Noise Characteristics



### Connection Accessories

- 010-TNC-BNC-1,5

### Mounting Accessories

- 001
- 029
- 046
- 030

### Delivery version with accessories kit KS74C100/01

- KS74C100
- 010-TNC-BNC-1,5
- 001
- 002

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

Manfred Weber

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