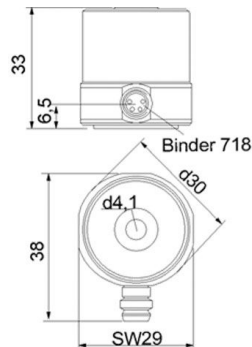


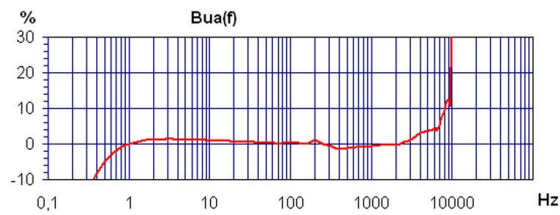
Properties

- Rugged industrial design
- Protection grade IP67
- Insulated base against ground loops
- Trough hole for easy attachment

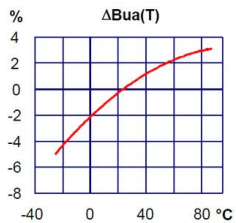


Piezo design	Shear design	
Output	IEPE	
Voltage sensitivity	100	mV/g
Sensitivity tolerance	5	%
Measurement range, pos./neg.	55	g
Destruction limit	4000	g
Transverse sensitivity	<5	%
Lower frequency limit (3 dB)	0,2	Hz
Upper frequency limit (3 dB)	10000	Hz
Lower frequency limit (10 %)	0,4	Hz
Upper frequency limit (10 %)	8000	Hz
Lower frequency limit (5 %)	0,6	Hz
Upper frequency limit (5 %)	7000	Hz
Resonant frequency	>15	kHz
Resonance amplitude	25	dB
Constant current supply	2 - 20	mA
Bias voltage at 4 mA	12 - 13,5	V
Output impedance	<250	Ω
Residual noise; wide band; RMS	<300 (0,2 - 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 - 90	°C
Temperature coefficient of voltage sensitivity	0,08 (°C)	%/K
Temperature transient sensitivity	0,005	m/s²/K
Weight without cable	115	g
Case material	Stainless steel	
Connector direction	radial	
Connector	Binder 718	
Mounting	ø4,1; screw included	
Isolated mounting	yes	
Protection grade	IP67	

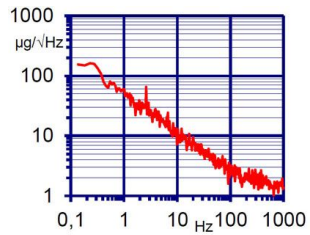
Typical Frequency Response



Temperature Coefficient



Noise Characteristics



Connection Accessories

- 088-B718G-PIG-5
- 034-B711f-BNC

Mounting Accessories

- 408

Delivery version with accessories kit KS813B/01

- KS813B
- 088-B718G-B711-5
- 408

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

Manfred Weber

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