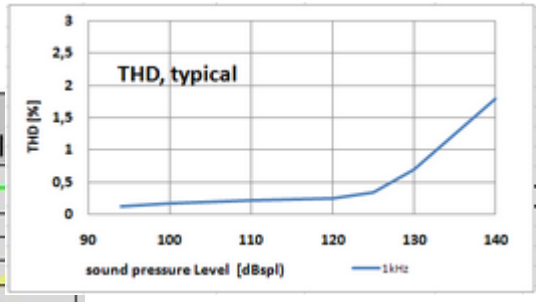
iSEMcon® ACOUSTIC & VIBRATION DIVISION

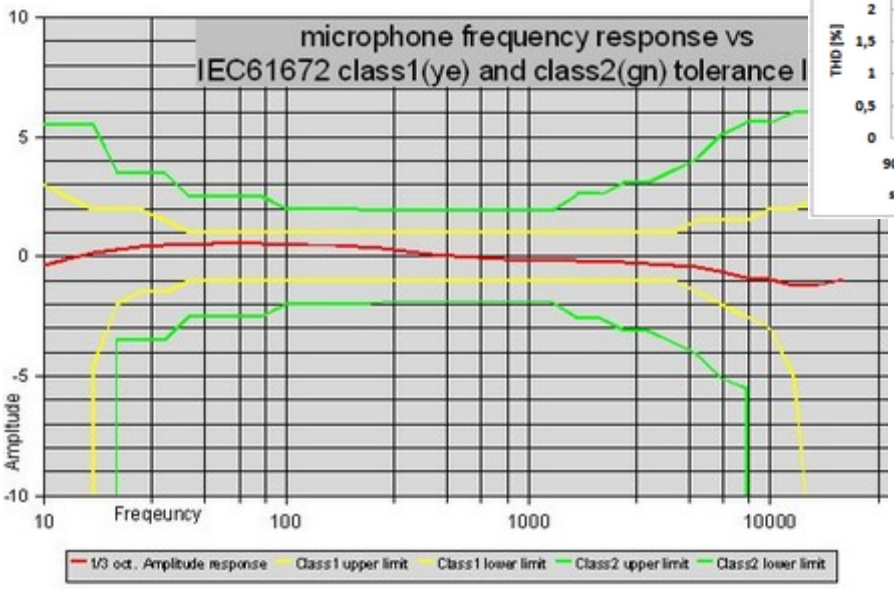
MEASUREMENT MICROPHONE
EMM-13D082/H-P48/RM

P48

> 140dBspl
3% distortion limit

Phantom power
High SPL capability - 3% THD >140dBspl - Noise <28dB(A)





13.05.2010



Characteristics		Typ / Type	Nr./No.
miniXLR pin assignment Pin 1: Shield / Gnd Pin 2: signal + (hot) Pin 3: Signal - (cold)		**EMM-13D082/H-P48/RM**	**140011**
Nominal Microphone Diameter	mm	7 (1/4")	
Mikrophone characteristic	incidence 0°	Freefield / Freifeld	
Polarization voltage	V	0	
Guaranteed frequency resp., uncal	± 1dB	100 - 5.000	± 1dB
Calibrated frequency response		10 - 20.000	
Typ. Linearity, IEC (20Hz - 20kHz)	60541 class	1	
Typ. Sensitivity (mV) @ 1kHz	mV/Pa	6	
Sensitivity (dB re 1V) @ 1kHz	dB re 1V/Pa	-44	
3dB distortion limit	dBspl	> 140	
Phase matching (50Hz to 5kHz)	°	± 5	
Inherent noise (A-weighted)	dBspl	< 28	
Electrical			
Powering		Phantom	
Excitation voltage	V	12..24...48	
Output Impedance	O	100 typ.	
Environmental			
Storage Temperature Range	deg C	-25 ... 70	
Operating Temperature Range	deg C	-10 ... 55	
Humidity (non condensing)	% r.H.	93	
Physical			
Housing material		Stainless Steel / Edelstahl	
Dimensions (max. diameter x length)	mm x mm	12,7 x 80	
Acoustic Port Diameter	mm	7	
Weight	g	30	
Sealing		Polyurethane	
Output Connector		mini XLR	
Conformity			
		IEC 500081-1, IEC 61010-1	
Functionality /Accessories			
		>48V surge voltage protected optional 19mm bushing optional miniXLR - XLR cable	



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Subject to change without notice. Errors excepted.