Datenblatt
Artikelnummer: F.HU97P3-30V-IP67B-02

F/HU97P3-30V-IP67B-02

Electrical and Acoustical Parameter

Rated voltage (VDC)	12 / 24
Operating voltage (VDC)	3,5 – 30
Current consumption (mA, max)	300
Sound pressure level (dBA@1m, 12 /24 VDC)	≥97
SPL deviation (9V to 30V)	≤9
Resonance frequency (Hz)	3000±200
Tone	pulse tone
Cycles (cycles/minute)	80±10
Remark:	with oscillator

Mechanical, Enviromental Parameter

Contact	AMP superseal*
Operating temperature (°C)	-20 to +80
Mounting	Bracket
Material housing	ABS ROSIN
Colore Housing	black / grey
IP rating	67
Component weight (g)	180
Packageing	box
Remark:	*see drawing for details

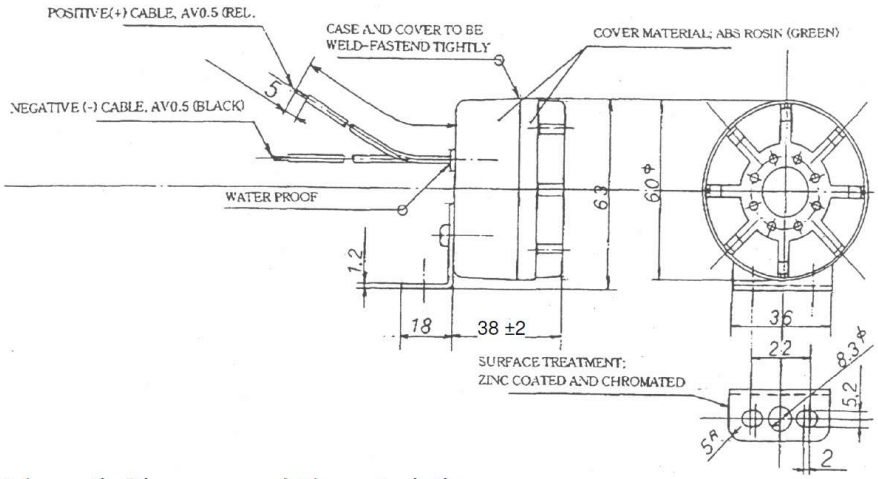
Approval

RoHs	☑
UL	☐

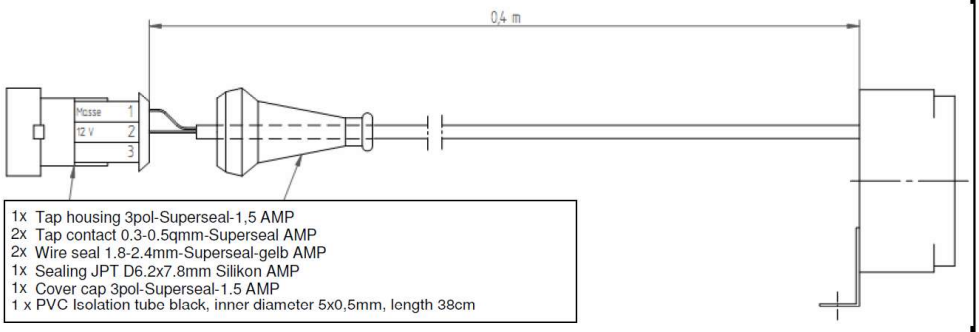
Designed by	KH	04.04.2011	Dimensions without tolerance ±0.3mm	Index: 00	Current date
Released by	TM	04.04.2011	Drawing number		04.04.2011
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Drawing of Component

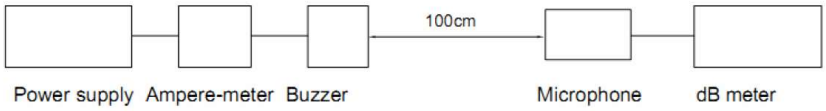


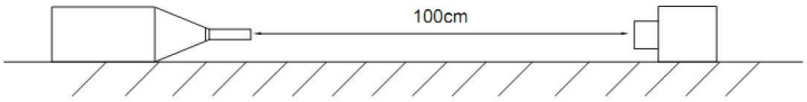
Schematic Diagrams and Characteristics



1x Tap housing 3pol-Superseal-1,5 AMP
2x Tap contact 0.3-0.5qmm-Superseal AMP
2x Wire seal 1.8-2.4mm-Superseal-gelb AMP
1x Sealing JPT D6.2x7.8mm Silikon AMP
1x Cover cap 3pol-Superseal-1.5 AMP
1 x PVC Isolation tube black, inner diameter 5x0,5mm, length 38cm

Sound pressure level test





Wooden table

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Reliability test

ITEMS	METHOD OF TEST AND MEASUREMENTS	PERFORMANCE
Coldness withstanding	After 98 hours of being exposed to –20°C environment, should returned to normal environment for 2hours, then re-proceed to test.	No abnormality shall exist
Hotness withstanding	After 98 hours of being exposed to +80°C environment, should returned to normal environment for 2hours, then re-proceed to test.	No abnormality shall exist
Humidity withstanding	After 98 hours of being exposed to 40°C 95%RH environment in actual operation, should returned to normal environment for 2hours, then re-proceed to test.	No abnormality shall exist
Durability	Testing after 1000hours actual continuous operation	No abnormality shall exist
Shock withstanding	A natural drop from 75cm high down to the ground.	No abnormality shall exist
Vibration withstanding	Vibration of 2000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each.	No abnormality shall exist