



Elektrotechnik Karl-Heinz Mauz GmbH

Waterproof type ultrasonic sensor

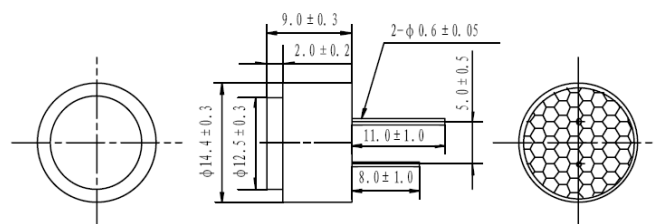
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A-14P10 (Artikel-Nr. 700530)

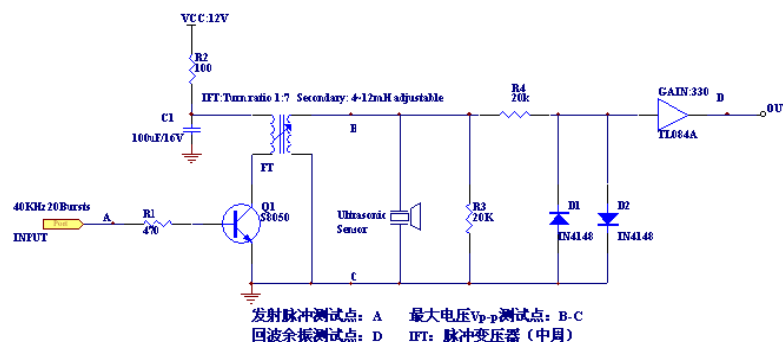
SPECIFICATIONS:

Item	Unit	Standard	Test condition: T=25±5°C
Function		Transmitting and receiving	
Terminal		Pin	
Housing Material		Aluminium	
Center frequency	KHz	40±1.0	
Echo Sensitivity	mA	>200	
Decay Time	ms	<1.2	
Directivity	Deg	70±15	At “-6 dB” attenuation
Capacitance	PF	1800±20%	At 1KHz
Allowable Input Voltage (Vp-P)	V	140	At 40KHz Pulse width 0.4ms interval 10ms
Operating temperature	°C	-40~+80	
Storage temperature	°C	-40~+85	

Dimensions :
(Unit: mm)



Simulation Test Circuit:



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