



Elektrotechnik Karl-Heinz Mauz GmbH

Waterproof type ultrasonic sensor

EKULIT

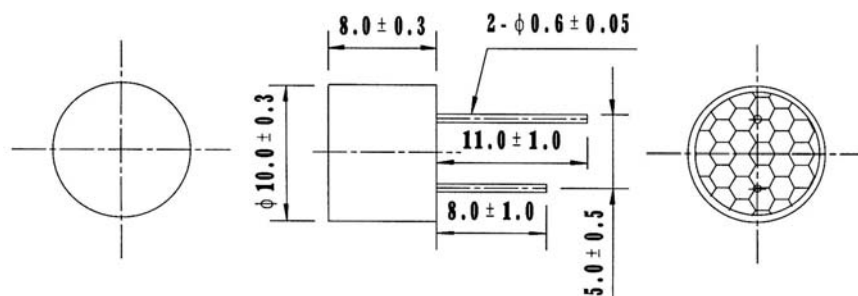
A-10P10 (Artikel-Nr. 700505)

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	mV	>150	
Decay Time	ms	<1.0	
Transmitting S.P.L.	dB	>98	At 40KHz/30cm/10Vrms Sine Wave 0dB=0.0002µ bar
Receiving Sensitive	dB	>-74	At 40KHz 0dB=1V/µ bar
Directivity of X-axis	Deg	80±15	At "-6 dB" attenuation
Directivity of Y-axis	Deg	50±10	At "-6 dB" attenuation
Capacitance	PF	1600±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)



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