

Open type ultrasonic sensor

EKULIT

A-16PT10 + A-16PR10 (Conrad-Nr. 541348)

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	
Transmitting S.P.L.	dB	>120±3	At 30cm/10Vrms Sine Wave 0dB=0.0002μ bar
Receiving Sensitive	dB	>-60	At 40KHz 0bar=1V/μ bar
Bandwidth T40-160	KHz	2.0	At -6 dB
Bandwidth R40-160	KHz	2.5	At -6 dB
Static capacitance	pF	2400±20%	At 1 KHz
Ringing	ms	1.2 max.	
Nominal Impedance	Ω	1000	
Directivity (deg.)	°	60	
Detectable Range	m	0.2 ~ 4	
Total Beam Angle (typical)	80°		At -6 dB
Operating temperature	°C	-40~+80	
Storage temperature	°C	-40~+85	

Dimensions:

Picture:

(Unit: mm)

