

Ultraschallsensor A-16PT10 + A-16PR10 Art.-Nr.: 700640

Specification : Open type ultrasonic sensor

Item	Unit	Standard	Test condition: T=25±5°C
Function		Transmitting and receiving	
Terminal		Pin	
Housing Material		ABS757 (black)	
Center frequency	KHz	40±1.0	
Transmitting S.P.L.	dB	>115±3	At 30cm/10Vrms Sine Wave 0dB=0.0002μ bar
Receiving Sensitive	dB	>-65	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	2100±20%	At 1 KHz
Ringing	ms	1.2 max.	
Marking		T: white R: red	
Directivity (deg.)	°	60	
Detectable Range	m	0.2 ~ 4	
Total Beam Angle (typical)	°	55 (typical)	At -6 dB
Max. Driving Voltage (RMS)	Vrms	20	
Operating temperature	°C	-20~+70	
Storage temperature	°C	-30~+80	

Dimensions :

(Unit : mm)

