

Vannsikker ultralydsensor

Produktkode: 247aa

Tilgjengelighet: 1



Pris: kr. 250,00

Short Description

ME007-ULS V1 Waterproof Ultrasonic Sensor Module Measuring Range 25cm-8m

Beskrivelse

Features?

- 1) High degree of protection;
- 2) Wide usage range, low-power dissipation;
- 3) Simple to use, handle easily;
- 4) High measuring accuracy and resolution;
- 5) Small detection blind area, long detection range;
- 6) With high precision temperature output and temperature compensation function;
- 7) Varied output mode: serial output, PWM output, digital output;



Applications?

- 1) High precision distance measuring;
- 2) Obstacle-avoidance, automatic control;
- 3) Objects close to, exist, perceive;
- 4) Traffic control;
- 5) Security and protection, industrial control;
- 6) Artificial intelligence, teaching and research;

Electrical parameters?

	PWM output	Serial output	Digital output		
Supply voltage	3.3V-12V				
Standby current	Less than 200uA		More than 400uA		
Average current	2mA(base on supply voltage is 5V?cycle is 250MS)				
Center frequency	40 KHZ				
Blind zone	200 MM				
Max. detection distance	More than 8M				
Emission angle	8°				
Work cycle	More than 60MS?controlled by the trigger signal	250 MS			
Trigger signal	Falling edge?low level keeps 0.1-10MS	GND connection			
Test precision	±1CM				
Resolution of ranging	1 MM				
Temperature compensation	Non compensation	compensation			
Temperature output	None	Have	None		
Operating temperature	-25?—70?				

Storage temperature	-40?—85?
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Package Includes:

- 1x Controller
- 1x Wire

Applikasjon Arduino



- Newbie
- Posts: 1
- Karma: 0 [\[add\]](#)

DYP-ME007 Ultrasound range finder - display distance on a I2C 2x16 LCD

Jun 07, 2011, 08:41 am

Quote by [Dypme007](#) from the topic [DYP-ME007 Ultrasound range finder - display distance on a I2C 2x16 LCD](#) in the forum [Project Examples](#)

```
#include <Wire.h>
#include <LiquidCrystal.h>
LiquidCrystal lcd(12,11,5,4,3,2); // set the LCD address to 0x27 for a 16 chars and 2 line display
lcd.begin(); // Initialize the LCD
lcd.print("DYP-ME007"); // Print the text "DYP-ME007"
lcd.print("Ultrasound range"); // Print the text "Ultrasound range"
lcd.print("finder - display"); // Print the text "finder - display"
lcd.print("distance on a I2C"); // Print the text "distance on a I2C"
lcd.print("2x16 LCD"); // Print the text "2x16 LCD"
lcd.print("Project Examples"); // Print the text "Project Examples"
lcd.print("Topic 60973"); // Print the text "Topic 60973"
lcd.print("http://arduino.cc/forum/index.php?topic=60973.0"); // Print the URL "http://arduino.cc/forum/index.php?topic=60973.0"
delay(1000); // Wait for 1 second
```

Product Gallery



