B112

Voltage Detection Sensor Module

Description:

This module is based on the principle of the resistor divider design, enabling the terminal interface input voltage reduced five times, analog input voltage up to 5V, then the voltage detection module can not be greater than the input voltage of 5V × 5 = 25V (3.3V if used system, the input voltage can not exceed 3.3Vx5 = 16.5V). Because AVR chips used in 10 AD, so this module's analog resolution 0.00489V (5V/1023), so the input voltage detection module detects a minimum voltage of 0.00489V × 5 = 0.02445V.

Parameters:

Voltage input range: DC0-25V

Voltage Detection range: DC0.02445V-25V

Voltage Analog Resolution: 0.00489V

DC input connector: Terminal cathode connected VCC, anode to GND

Output Interface: "+" then 5/3.3V, "-" connected GND, "s" then the Arduino AD pins