

vergelijkings chart afstand sensoren

type sensor	working current
HC – SR04	15mA
Sharp GP2YOA21	Max 40mA
laser rage finder	150 mA
ping sensor	35 mA
Sonar sensor	10mA

Blad1

max dedection distance	mesuring angel
4m	15degrees
Max 150 cm	Not found
2.54meters	Not found
3 m	Not found
5meters	Not found

Blad1

price	max working voltage
€ 42,34	5V
: € 18,09	4.5 to 5.5V
€ 119,79	+4.5 V to +5.5 V
€ 36,29	+5 VDC
€ 41,14	12vdc (8vdc - 14vdc)

Blad1

minj range	mesuering methode
2cm	ultrasound
20cm	IR
15cm	laser
: 2 cm	ultrasoon
60cm	sonar

Blad1

remarks

2 pins needed trig and echo

Analog output voltage proportional to distance

high accuracy

1 pin needed to measure distance

high distance but higher supply voltage RS485 communication interface