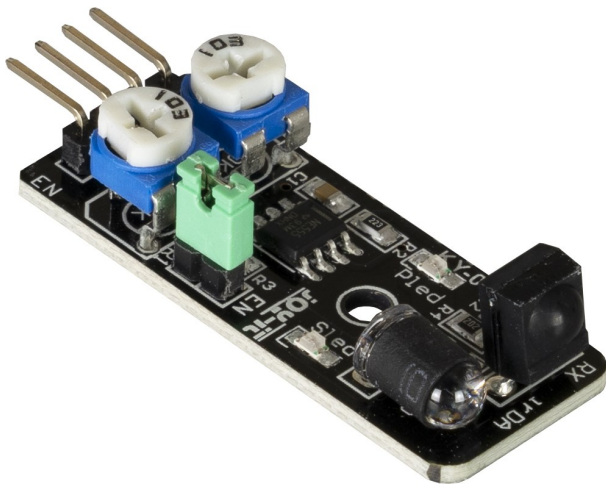


# INFRARED PROXIMITY SENSOR

SEN-KY032IR



This sensor emits an infrared light so that when it hits an obstacle, it is reflected and received by the photodiode. Both the sensitivity of the receiver and the strength of the transmitter can be adjusted. This makes it possible to adjust the distance at which the sensor is triggered. This is done with two different potentiometers.

The sensor can be used to control autonomous robots, for example.

## MAIN FEATURES

Model	Obstacle detector
Function	Detects obstacles by means of infrared (0/1 signal output when exceeding the limited value)
Detection distance	2 - 20 cm
Dimensions	41 x 17 x 11 mm
Scope of delivery	SEN-KY032IR

## FURTHER SPECIFICATIONS

Special feature	Can be switched on and off via a controller using a separate pin (Enable-Pin)
Supply voltage	3 - 5 V
Current consumption	@ 3 V ca. 10 mA @ 5 V ca. 6 mA
Detection angle	35°
Operating temperature	-10 to 50 °C

## FURTHER DETAILS

Article No.	SEN-KY032IR
EAN	4250236820682
Customs tariff No.	8473302000