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## Rotary Encoder - Illuminated (RGB) Product Help and Resources



REVIEWS

# Comments

Looking for answers to technical questions?

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Member #886615 / about 3 months ago \* / 🖈 1

\*\*Prior to Arduino 1.0.1, it was possible to configure internal pull-ups in the following manner:

pinMode(pin, INPUT); // set pin to input digitalWrite(pin, HIGH); // turn on pullup resistors

this syntax is used in the example encoder code, but no longer works: digitalWrite(ROT\_A, HIGH); // turn on weak pullup

remove these lines for ROT\_A and B, and just declare pinMode(pin, INPUT\_PULLUP); for pulled-up inputs on ROT\_A, ROT\_B

Member #886615 / about 3 months ago \* / \* 1

\*\* warning \*\* The sample code for both RG and RGB encoders instructs connecting the LED contacts directly to the Arduino:

// Rotary encoder pin 1 (red anode) to digital pin 10

// Rotary encoder pin 2 (green anode) to analog pin 1

A series current limiting resistor should be used between the anodes and the Arduino pins.

JonB3 / last year / ★ 1

Looks like a fun part. I've ordered a few, and am working on an Eagle Layout now.

I think this part would be much improved if the switch pin connected to 'C' rather than Pin 5 when pressed. Many microcontrollers have built in pull-up resistor capability, but far fewer have built in pull down capability. For those micros, an external pull down resistor looks to be necessary.

🏓 Santa Claus Impersonator / last year / ★ 1

Good luck with your project. I believe that this part is in our Eagle library somewhere.

Unfortunately, we don't manufacture components like these.

🌆 Larsi / last year / ★ 1

For every rotary encoder you sell you should add 'how many pulses / 360°' in the description, so your customers don't have to look up the datasheet. It is 24 for this one...



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