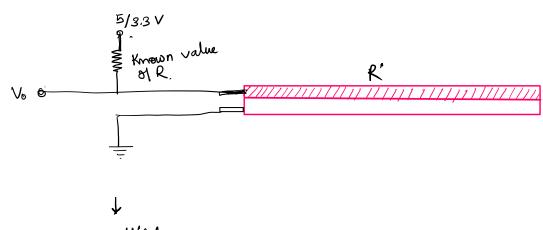
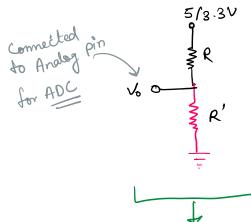
Flex Sensor

19 December 2023 07:00 PM



Simplified



when converted to ADC, the microcontroller reads the analog voltage and gives values ranging from. [0 - 1023]

Conneded in Voltage divider connection.

But Why?

- > Easier for microcontroller to read voltages
- -> As R' changes Vo changes hence bend can be measured.
- -> By varying (R) fined, we can vary the range of Ip voltage.

Vollage Divider sule.

To deide range of Vo, we have to decide the value of R Based on the value given by Rolen.

Based on the value given by Relen.