



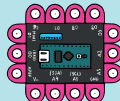







M60 LUMINANCE LEVEL MEASUREMENT

- 
 1x fotoresistor
- 
 1x capacitor 100nF
- 
 1x display
- 
 1x battery
- 
 1x micro computer
-  2x
-  1x
-  3x
-  1x
-  1x

You can test the conversion of a non-electric quantity into its digital representation in this task, where you create a resistive voltage divider and connect a ballast resistor in one part and a photoresistor in the other as an element responding to the intensity of illumination. The higher the luminance intensity, the lower the resistance the resistor will have. See how the voltage on the resistive voltage divider will change when you cover the photoresistor with your finger or expose it to sunlight.

Set the changeover switches on the microcomputer to the ON position. In this circuit, set Changeover Switches 3 and 6.

