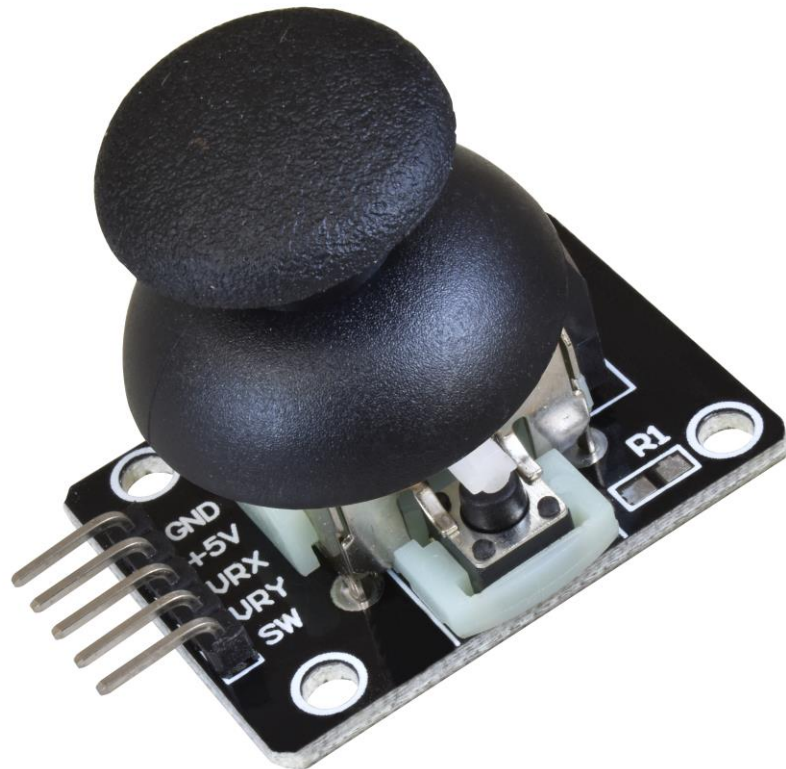


## THUMB JOYSTICK MODULE - HR0001



This Thumb Joystick is similar to the 'analog' joystick on PS2 (PlayStation 2) controllers. The X and Y axes are two 10k potentiometers which control 2D movement by generating analog signals. The joystick also has a push button that could be used for special applications.

During operation the unit outputs two analog values and a digital value. The 2 analog outputs represent the location of the two potentiometers and the digital output represents if the button has been pressed.

Model	KY-023
Operating Voltage	3.3 to 5 Volts
Dimensions	26 x 34 mm
Connections	
Pin 1	Ground
Pin 2	Supply Voltage
Pin 3	VRx
Pin 4	VRy
Pin 5	Switch