



FEZ Potentiometer Component

Potentiometers (POT for short) are variable resistors that change their resistance when the knob is rotated. This is similar to the volume control you see on many devices.

Connected through standard JST3AA cable (included).

Works with any **pin with Analog input feature** on FEZ Mini starter-kit/robot and FEZ Domino Component shield.



Provided Driver Example Code:

User should add **FEZ_Components_POT.cs** to Visual C# project to use the example below. **FEZ tutorial Document** shows how to create projects and add components drivers. (Both files are available on www.tinyclr.com)

Code snippet:

```
using System;
using Microsoft.SPOT;
using System.Threading;
using GHIElectronics.NETMF.FEZ;

public class Program
{
    public static void Main()
    {
        // Create POT object assigned to the a Potentiometer Component connected to An0 with analog input
        feature
        FEZ_Components.POT myPOT = new FEZ_Components.POT(FEZ_Pin.AnalogIn.An0);
        int value = 0;
        while (true)
        {
            value = myPOT.GetPosition();
            Debug.Print("myPOT's position is: " + value.ToString());
            Thread.Sleep(100);
        }
    }
}
```

