

Untitled

```
private const string LS_ENABLE = "SBUS8";
ReadSensor(LJ_IP_ADDRESS, LS_ENABLE, ref leftSideRh, ref leftSideTemp,
"left");
private void ReadSensor(string ipAddress, string enable, ref double tempC,
ref double rh, string probe)
{
    try
    {
        sensorTsLabel.Text = "";
        sensorTsLabel.BackColor = SystemColors.Control;
        const string CONNECTION = "ETHERNET";
        const string LJDEVICE = "T4";
        double tempK = 0;
        int handle = 0;
        LJM.OpenS(LJDEVICE, CONNECTION, ipAddress, ref handle);
        LJM.eWriteName(handle, "SBUS_ALL_DATA_DIONUM", 4);
        LJM.eWriteName(handle, "SBUS_ALL_CLOCK_DIONUM", 5);
        LJM.eWriteName(handle, "SBUS_ALL_POWER_DIONUM", 6);
        if (probe == "left")
        {
            LJM.eWriteName(handle, "DIO7", 0);
            LJM.eWriteName(handle, "DIO8", 1);
        }
        else if (probe == "right")
        {
            LJM.eWriteName(handle, "DIO7", 1);
            LJM.eWriteName(handle, "DIO8", 0);
        }
        LJM.eReadName(handle, enable + "_TEMP", ref tempK);
        LJM.eReadName(handle, enable + "_RH", ref rh);
        LJM.Close(handle);
        tempC = tempK - 273.15;
    }
    catch
    {
        sensorTsLabel.Text = "*** Unable to read sensors, is the data logger
plugged in? ***";
        sensorTsLabel.BackColor = Color.Red;
    }
}
```

}

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