Universidade de Aveiro

Pressure Sensor Tests

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To see how the pressure sensor works and to debug the code made for this sensor, we will pass it through a range of some tests.

Tests:

➢ Apply a mass with known weight and that covers the entire part of the sensor, see the data that the sensor sends to esp.
➢ Change the mass previously used by others of greater weight, then do the same for less weight, to adjust the code parameters, to be able to detect the presence of any bicycle regardless of its size and weight.
➢ Finally, pass through the sensor a bicycle (with approximately the bicycle weight) or any object at least twenty times to make sure that everything works correctly.