

```
1 // Analog output simulation
2 // Range:
3 // 0 - 16383
4 // 0% - 40%
5
6 IF( sim_zeroGasValveInput) THEN
7     sim_outputSensor := 0; // 0 - 16384
8 END_IF;
9
10 IF( sim_oxygenGasValveInput) THEN
11     sim_outputSensor := 12287; //12287 =~ 30% gas
12     //sim_outputSensor := 9999; // Test value. After calibration, output should still read ~ 30%
13     //Change this value (lower) to see if the calibration works
14 END_IF;
15
16 //Decrease the sensor output over time to represent the sensor degrading:
17
18
19
```