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Sequence 3 - Calibrate sensor range
All we need to do here is calculate the adjusted raw maximum input value
This value "O2Sensor_MaxRawInput" is then used in the analog scp over in the input routine

Calibration
Sequence:
0 - Waiting
1 - Test nuetral gas
2 - Test oxy gas
3 - Calibrate sensor

EQU

Equal	
Source A	Calibration_Seq
	0
Source B	3

DIV

Divide	
Source A	Gas_Neutral_TotalSample
	0
Source B	Gas_Neutral_SampleCount.ACC
	0
Dest	Gas_Neutral_Average
	0.0

DIV

Divide	
Source A	Gas_Test_TotalSample
	0
Source B	Gas_Test_SampleCount.ACC
	0
Dest	Gas_Test_Average
	0.0

CPT

Compute	
Dest	O2sensor_MaxRawInput
	0
Expression	((0.4/0.3)*(Gas_Test_Average-Gas_Neutral_Average))+Gas_Neutral_Average

Calibration
Sequence:
0 - Waiting
1 - Test nuetral gas
2 - Test oxy gas
3 - Calibrate sensor

MOV

Move	
Source	0
Dest	Calibration_Seq
	0

Calibration_Complete

(End)