Modules - Config

1. Relays

        0. no relays

        1. GPIOs, use the micro-controller pins.

        2. PCA9555, use 8 relay module.

        3. PCA9555 , use 16 relay module.

        4. MCP23017

        5. PCA9685

        6. PCF8574

2. Pins

	RC 5	RC 8	RC 11	RC11-2	RC 12	RC 12-3	RC 15
Controller	Nano	Nano	Teensy	Teensy	Nano	Nano	ESP32
Module ID							
Sensor Count	2	2	2	2	1	2	2
Wifi Serial Port			1				
Relay Control	4	4	1	1	2	4	5
Invert Relay	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
Invert Flow	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
Flow 1	2	2	28	28	D3	3	17
Flow 2	3	3	29	29		2	16
Dir 1	4	4	37	37	D6	4	32
Dir 2	6	6	14	14		6	25
PWM 1	5	5	36	36	D9	5	33
PWM 2	9	9	15	15		9	26
Work Switch				30		15	
Pressure				40		14	
Relay 1	8	8	8	8		0	
2	9	9	9	9		15	
3	10	10	10	10		1	
4	11	11	11	11		14	
5	12	12	12	12		2	
6	13	13	25	25		13	
7	14	14	26	26		3	
8	15	15	27	27		12	
9	7	7				4	
10	6	6				11	
11	5	5				5	
12	4	4				10	
13	3	3				6	
14	2	2				9	
15	1	1				7	
16	0	0				8	

3. Nano Pins

Nano Pins	
D0	0
D1	1
D2	2
D3	3
D4	4
D5	5
D6	6
D7	7
D8	8
D9	9
D10	10
D11	11
D12	12
D13	13
A0	14
A1	15
A2	16
A3	17
A4	18
A5	19
A6	20
A7	21