

1	2	3	4	5	6	7	8	9	10	11
12	13	14						18	19	20
15	16	17						21	22	23
S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	
24	25	26						30	31	32
27	28	29						33	34	35
36	37	38	39	40	41	42	43	44	45	46

1. Resistor: only circuit
2. Resistor: circuit and input wire

Pin	IO	Gruppe	Goto	Polung	Note	Resistor (1)	Resistor (2)
1	Input	Force	S10	plus			
2	Input	Senor 1	37	minus			
3	Input	Wild					
4	Input	Force	S9	plus			
5	Input	Sensor 2	40	minus			
6	Input	Wild					
7	Input	Force	S8	plus			
8	Input	Sensor 3	43	minus			
9	Input	Wild					
10	Input	Force	S7	plus			
11	Input	Sensor 4	46	minus			
12	Input	Laser	S5	plus			
13	Input		25	gain			
14	Input		26	minus			
15	Input	Free 3-pol	S4	plus			
16	Input		28	gain			
17	Input		29	minus			
18	Input	Photo	S2	plus			
19	Input	Diode	31	minus			
20	Input	Wild					
21	Input	Free 2-pol	S1	plus			
22	Input		24	minus			
23	Input	Wild					
S1	Switch	2-pol	18 to 30	plus			
S2	Switch		21 to 33	plus			
S3	Switch	Wild					
S4	Switch	3-pol	12 to 24	plus			
S5	Switch		15 to 27	plus			
S6	Switch	Wild					
S7	Switch	force sensor	1 to 36	plus			
S8	Switch		4 to 39	plus			
S9	Switch		7 to 42	plus			
S10	Switch		10 to 45	plus			
24	Output	Laser	S4	plus			
25	Output		13	gain			
26	Output		14	minus			
27	Output	Free 3-pol	S5	plus			
28	Output		16	gain			
29	Output		17	minus			
30	Output	Photo	S1	plus			
31	Output	Diode	19	minus			
32	Output	Wild					
33	Output	Free 2-pol	S2	plus			
34	Output		22	minus			
35	Output	Wild					
36	Output	Force	S10	plus			
37	Output	Sensor 1	2	minus			
38	Output	Wild					
39	Output	Force	S9	plus			
40	Output	Sensor 2	5	minus			
41	Output	Wild					
42	Output	Force	S8	plus			
43	Output	Sensor 3	8	minus			
44	Output	Wild					
45	Output	Force	S7	plus			
46	Output	Sensor 4	11	minus			