

Description of functioning of valve control system for small filters AOV 4ND:

Function:

Continuous activation of solenoid valves 24V= for cleaning of filters with pressurized air in set intervals

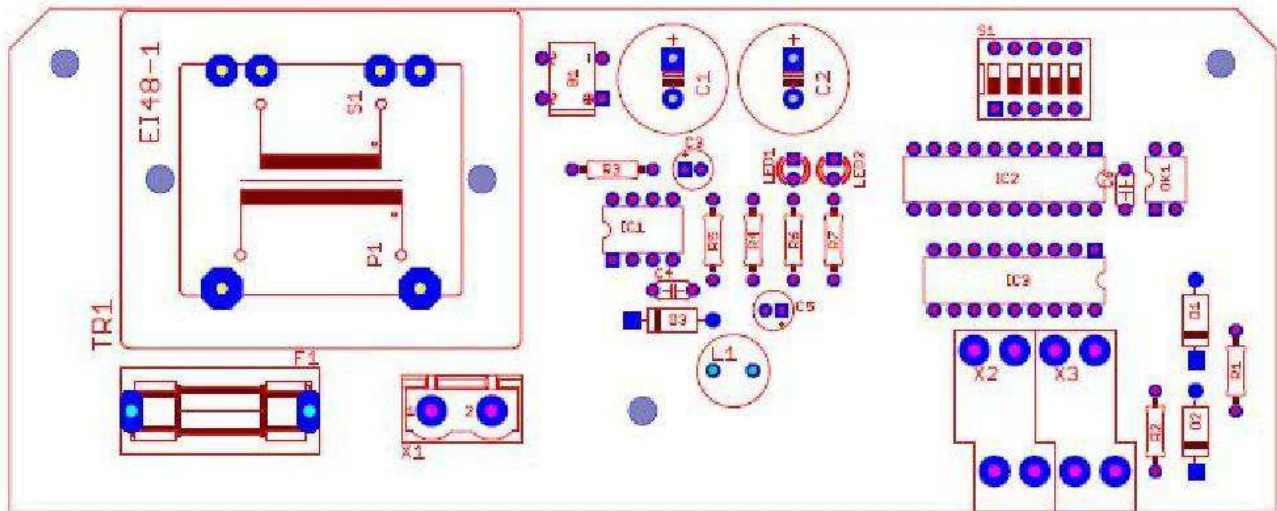
Technical Parameters:

Supply voltage:	230V/50Hz 24V AC/DC
Protection:	blow-out fuse 200 mA
Voltage on the output for solenoid valve	24V=
Current consumption (output 24= without valve):	max. 100mA
Current consumption (output 24= valve activated):	max. 800 mA
Operating temperature:	-20 - 70 °C
Protection:	IP65
Duration of solenoid valve activation pulse:	200-275 ms
Delay between activations of solenoid valves:	test 1 s operation 20-50 s

Block wiring diagram:

	activation length		delay between pulses				
switch	1	2	switch	3	4	5	
	0	0	200ms	0	0	0	1s (test)
	1	0	225ms	1	0	0	20s
	0	1	250ms	0	1	0	25s
	1	1	275ms	1	1	0	30s
				0	0	1	35s
				1	0	1	40s
				0	1	1	45s
				1	1	1	50s

green LED – on yellow LED- active output



Fuse 200 mA

230V/50Hz
24VAC/DC

valves 1 to 4 24V= (max. 800 mA)