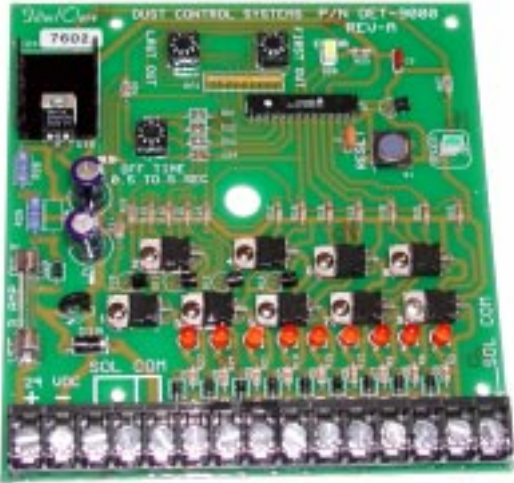


DET09000

ELECTRONIC TIMER



Reliable, state-of-the-art, DC electronic sequencer for accurate control of up to 9 solenoid activated impulse valves in the back-flushing of dust collector filter elements.

FEATURES

- Microprocessor control
- Field selectable from 2 to 9 outputs
- 24 Volts DC input voltage (12 volt available on special order)
- Input polarity protection
- Very low power consumption
- Adjustable "off" time
- LED indicators of station operation
- Polyurethane coating to protect against corrosion and moisture
- Compact size for ease in mounting
- Sequence location can be varied

SPECIFICATIONS

Time Setting Ranges:

On Time: Fixed 100 msec

Off Time: Variable .5 - 5 sec
(10 steps digitally controlled)

Transient Voltage Protection:

Input - Metal oxide varistor 68 volt
3a fuse protects against short circuits.

Input Voltage:

24 Volt DC (12 Volt available on special order)

Power consumption during offtime:

.48 watts @ 24 VDC

Output:

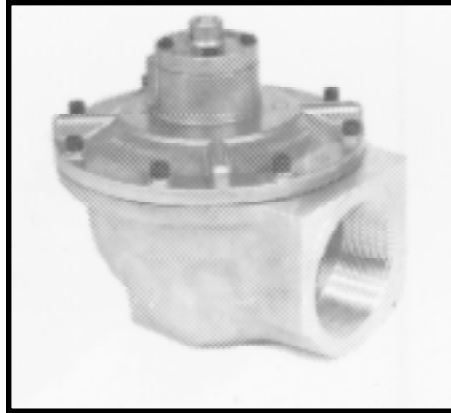
Solid-state switch, 5 amp Max at 1.5 Volt less than input voltage

Environmental:

Operating Temperature: 0 to 70 degrees C

AIR CONTROL VALVES

These reliable diecast aluminum air control valves have become the industry standard for use in back-flush cleaning of dust collector filter elements. The *Filter/Clone*® line of dust collectors manufactured by Joe Tipton, Inc. utilizes these state-of-the-art valves in conjunction with both pneumatic and electronic sequencing control.



SPECIFICATIONS:

	IMPULSE VALVE			SOLENOID AIR VALVE	
PART NUMBER	FC1-1002	FC15-1002	FC2-1002	FC5-1002	FC4-1002
VOLTAGE	N/A	N/A	N/A	110 Volt AC	24 Volt DC
PIPE IN NPT	3/4"	1.0"	1.5"	1/8"	1/8"
ORIFICE DIAMETER	3/4"	1.0"	1.5"	1/8"	1/8"
Cv FLOW FACTOR	11.2	18.5	43	0.32	0.32
PRESSURE RANGE	110 psig max.	110 psig max.	110 psig max.	0 - 110 psig	0 - 110 psig
BODY MATERIAL	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
ELASTOMER	Buna N Rubber	Buna N Rubber	Buna N Rubber	Buna N Rubber	Buna N Rubber
TEMP. RANGE (Buna N) deg. F	-30 to 180	-30 to 180	-30 to 180	-30 to 180	-30 to 180
MAX. AMBIENT TEMP.	N/A	N/A	N/A	to 104 deg F	to 104 deg F

Filter/Clone®
DUST CONTROL SYSTEMS

Joe Tipton, Inc.
2202 Executive Drive
Garland, Tx. 75042
(972) 271-6666