

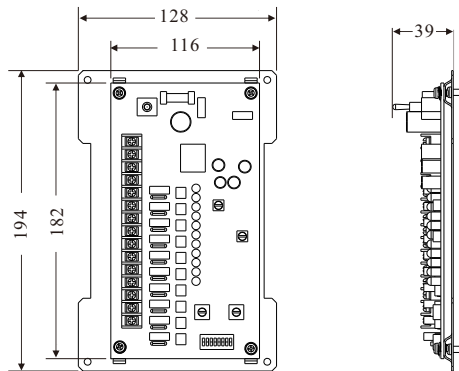
# AE71□A (AEX40100-□B) Sequential Controller for Dust Collector System Operation Manual

## Application

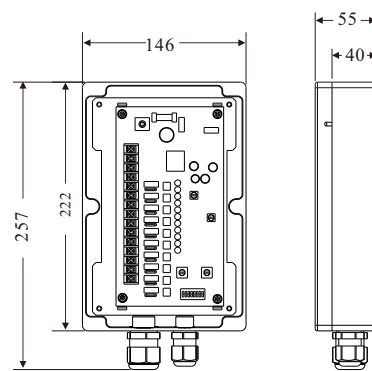
Sequential Controller is applied to control solenoid valve. Pulse time, pulse interval time, numbers of controlled solenoid valve are adjustable. Remote control is available, easily operated.

## Dimension

AE710A



AE711A



## Specifications

- Power supply: 100~240Vac +/- 10%, 50/60Hz
- Operation temperature: -20°C ~ 70°C
- Ambient temperature: -25°C ~ 75°C
- Numbers of sequential control: 1~10 points
- Pulse time adjustable range: 20~200ms
- Pulse interval time adjustable range: 2~60 sec
- Output: Thyristor
- Output capacity: AC 240V / 4A
- Case material: ABS V2

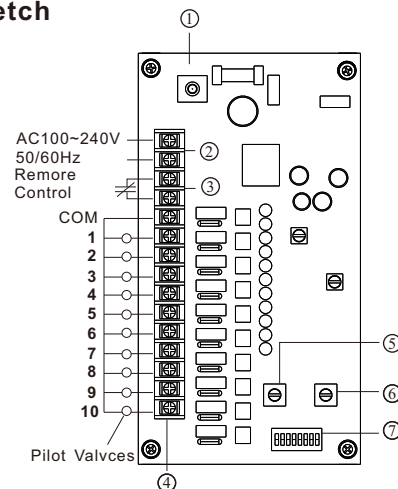
## Terminals

- ① Power on/off °
- ② Power supply terminal: L1、L2 °
- ③ Remote control : If remote control is not required , please do not take off the short-circuit chips on P1、P2 °
- ④ Output terminals: Terminals 1~10 are connected with solenoid valves. COM is common contact of solenoid valves.

## Pulse Interval Time

Adjust ⑤ for pulse interval time settings °  
(2~60 sec)

## Sketch



## Pulse Time

Adjust ⑥ MSEC for pulse time settings °  
(20 ~200ms)

## Cleaning Cycles Setting

Adjust ⑦ for cleaning cycles. When switch 1 is ON, other switches remain OFF, which means cleaning cycles for solenoid valves 1~2. When switch 2 is ON, other switches remain OFF, which means cleaning cycles for solenoid valves 1~3. (Cleaning cycles for 1~10 solenoid valves, all switches are OFF.)

| NO. of sequence & STEP Switch Reference table |   |   |   |   |   |
|-----------------------------------------------|---|---|---|---|---|
| Cleaning cycles                               | 2 | 3 | 4 | 5 | 6 |
| Switch                                        |   |   |   |   |   |

| NO. of sequence & STEP Switch Reference table |   |   |   |    |  |
|-----------------------------------------------|---|---|---|----|--|
| Cleaning cycles                               | 7 | 8 | 9 | 10 |  |
| Switch                                        |   |   |   |    |  |

★ The product can be operated after the above wiring and settings are finished

## Trouble Shooting

| Symptom                     | Cause                                                 | Solution                        |
|-----------------------------|-------------------------------------------------------|---------------------------------|
| Power supply /light off     | No power supply                                       | Check power supply              |
|                             | Fuse blown                                            | Change fuse                     |
| No activation               | P1、P2 short-circuit chips are missing, or bad contact | Check P1、P2 short-circuit chips |
| Cleaning cycles do not work | Wrong settings                                        | Check cleaning cycles setting   |



**FineTek Co.,Ltd.**

No.16, Tzuchiang St., Tucheng Industrial Park, New Taipei City 23678, Taiwan.

Tel: 886-2-22696789 Fax: 886-2-22686682

Email: info@fine-tek.com http://www.fine-tek.com



08-AE7XA-B3-EM,12/04/2018

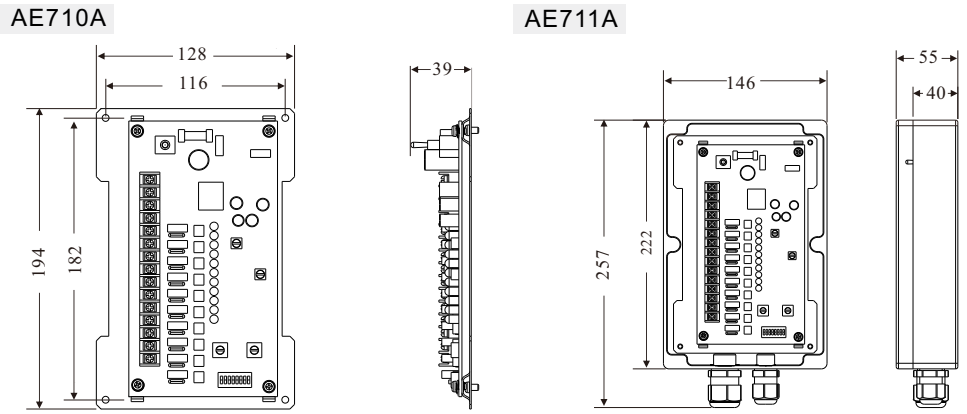


# AE71□A(AEX40100-□B) 集塵機用順序控制器操作說明

## 應用環境與特性

集塵機用順序控制器設計用來控制導氣電磁閥。噴氣時間及噴氣間隔時間、控制導氣電磁閥的點數可調整，且具有遠端控制，廣泛應用與操作方便。

## 外型尺寸



## 規格

- 工作電源：100~240VAC 50/60Hz  
交換式電源
- 工作溫度：-20°C ~ 70°C
- 環境溫度：-25°C ~ 75°C
- 順序步進數：1~10
- 噴氣時間可調整範圍：20~200毫秒
- 噴氣間隔時間可調整範圍：2~60秒
- 輸出接點：閘流體
- 輸出容量：AC 240V/4A
- 外箱材質：ABS V2

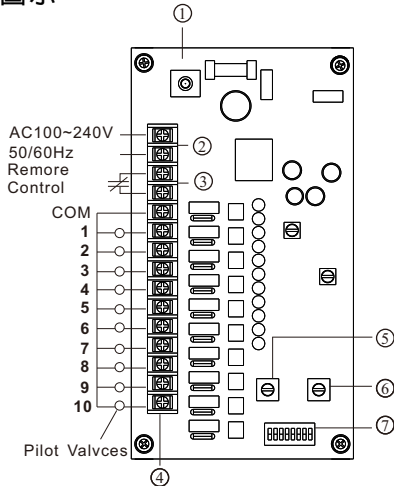
## 接點說明

- ① 搖頭開關：ON(電源開)、OFF(電源關)。
- ② 電源端子：端子L1、L2。
- ③ 遙控接點：主要作用為遠端控制，若不做此控制時，請勿將P1、P2上的短路片拆除。
- ④ 輸出端子：此部份端子1~10連接至電磁閥，COM為電磁閥的共同接點。

## 噴氣間隔時間調整

將⑤之SEC調整器調至使用者所需之時間。(2~60秒)

## 接點圖示



## 噴氣時間調整

將⑥之MSEC調整器調至使用者所需之時間。(20~200毫秒)

## 循環點數選用

將⑦之STEP Switch指撥開關調至使用者所需的噴氣數量循環設定，當指撥開關調1至ON，其餘OFF，表示1~2作順序噴氣；當指撥開關調2至ON其餘OFF，表示1~3作順序噴氣，以此類推。(噴氣數10個指撥開關全部切換在OFF位置)

| 循環動作點數及指撥開關對應圖 |   |   |   |   |   |
|----------------|---|---|---|---|---|
| 循環點數           | 2 | 3 | 4 | 5 | 6 |
| 開關             |   |   |   |   |   |

| 循環動作點數及指撥開關對應圖 |   |   |   |    |  |
|----------------|---|---|---|----|--|
| 循環點數           | 7 | 8 | 9 | 10 |  |
| 開關             |   |   |   |    |  |

※完成上述步驟之接線及調整後即可通電運作。

## 故障排除

| 狀況         | 原因               | 排除方法             |
|------------|------------------|------------------|
| 電源顯示燈不亮    | 外部未供電            | 請檢查電源端子有無電源輸入    |
|            | 保險絲燒斷            | 更換順序控制器中的保險絲     |
| 完全沒有順序控制動作 | P1、P2短路片為拆除或接觸不良 | 請確定遙控接點上的短路片是否鎖緊 |
| 部分順序控制無法動作 | 循環點數設定錯誤或不足      | 檢查循環點數設定是否正確     |



恒達科技股份有限公司  
23678 新北市土城工業區自強街16號  
Tel: 886-2-22696789 Fax: 886-2-22686682  
Email: info@fine-tek.com http://www.fine-tek.com

