

PLC PNEUMATIC MATERIAL FEEDING APPLICATION TRAINING SET (EPA02)

Description

The PLC Pneumatic Material Feeding Application Training Set is an educational tool designed to teach the principles of pneumatic systems and material handling. It typically includes a set of components that simulate real-world pneumatic feeding systems, such as compressors, actuators, and control valves. Users can practice configuring and operating these components to move materials, learn about system efficiency, and understand the mechanics of pneumatic transport.

Able to learn : -

- Function and characteristic of pneumatic auto feeding system
- Control the speed of pneumatic cylinder
- Design and use of directional valve
- Design and reading of electrical and pneumatic diagram of the system
- Construct and operation of auto feeding
- Calculate and determine the pressure and speed of the auto feeding operation
- Identify different proximity sensor
- Creating sequence control by PLC program
- Fault findings in electrical hydraulic control system



Required Item

- Auto Feeding Pneumatic System
- Operation Manual
- Experiment Manual
- Air Compressor

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Technical Specification : -

No	Component	Qty
1	Linear Pneumatic Actuator	2
2	5/2 way solenoid valve	2
3	Auto Feeding System Structure	1
4	Aluminum work base	1
5	Air flow control valve	4
6	Proximity Sensor	4
7	Electrical Terminal block	1
8	Aluminum work piece	10
9	PLC Unit Controller	1