



Pneumatic Control Trainer

Category: Pneumatic, Hydraulic & Fluid Mechanics · Model reference: MZM-6002



SPECIFICATIONS

DESCRIPTION:

Pneumatic Control Trainer is a complete training system, introducing the student to the operation, programming and troubleshooting of modern industrial programmable logic controllers with Basic Pneumatic Control. A complete curriculum is provided incorporating many learning activities related to basic sequence, circuit flow, ladder logic programming and trouble shooting. Many activities reflect realistic industrial applications. This product, together with its associated student manual and programming manual, creates a complete introductory course in PLCs for industrial training applications as well as in the educational learning.

FEATURES

- Total system control and monitoring for application flexibility
- Easy and continual serviceability with centralized control of applicator parameters
- Safety and easy troubleshooting
- System interlock status easy to observe to assist the user in making necessary adjustment

PNEUMATIC COMPONENTS

- Air service unit
- Speed control pneumatic single-tuned cylinder with sticking type
- Speed control pneumatic double-tuned cylinder with sticking type
- 3/2-Way single-tuned solenoid valve (NO)
- 5/2-Way single-side solenoid valve

EXPERIMENT TOPICS:

- Introduction of pneumatic
- Logic function
- Solenoid valve with pilot control
- Control draft and design
- Conversion of pneumatic to electrical signals
- PLC application
- Non-reply and relay thermostats
- Structure and various pneumatic components

PLC MAIN UNIT		
ITEM	DESCRIPTION	UNITS
CONTROLLER	OMRON MICRO PLC	1 ea
INPUT	24V DC INPUT	12 ea
OUTPUT	RELAY CONTACT OUTPUT	8 ea
CABLE	PROGRAM DOWNLOAD CABLE	1 ea
ADAPTER	RS-232C CONVERTER	1 ea
POWER SUPPLY	24V DC 2.1A(short circuit protection)	1 ea
INPUT TERMINALS	4mm Ø BANANA JACK	12 ea
OUTPUT TERMINALS	4mm Ø BANANA JACK	8 ea
INPUT SWITCHERS	TOGGLE SWITCH	12 ea
SEMULATION INDICATIOES	LED	20 ea
ALARM	BUZZER (with ON/OFF Switch)	1 ea

Send Enquiry **Your Name****Your Email****Tele Phone**



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