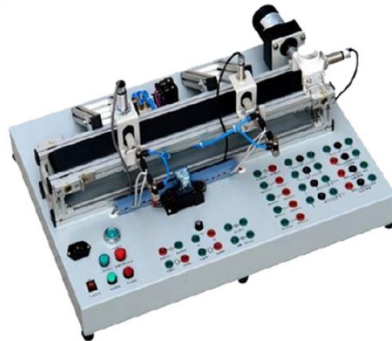




Sorting Part Conveyor

Category: Mechatronics · Model reference: MZM-2021



SPECIFICATIONS

DESCRIPTION :

This equipment designed for P. L. C application program. Realistic simulation of an automated factory. Sensors detect the physical dimension of an object placed on the conveyor belt.

This is the first in our series of "mini machine" PLC Trainers, these are real functioning machines and will work just like a production machine. This will also connect to ANY 24 volt input and relay or 24 volt PLC trainer or a standalone PLC, we will customize any of our trainers to be compatible with all of our mini machines. You will need compressed air supply (not a lot) for the two pneumatic cylinders, you can use this as a standalone trainer to teach basic electrical logic and electrical flow or wired to a PLC and a fully automatic PLC driven machine.

Features:

- Interfacing the PLC controller unit to external I/O devices.
- Study the operation of proximity sensor and photo sensor.
- Power ON indicator.
- Clearly labeled diagram or description.
- Emergency button.
- START and STOP button.
- 3 indicator light (Green, Yellow, Red)
- Basic operation and control of a motor using PLC.

SPECIFICATIONS :

- Input Power Supply: 12 to 24VDC.
- Short circuit protection with fuse protection.
- 12 to 24VDC Motor: approx. 17rpm max.
- Built up with 2 unit photo sensor, 2 unit inductive sensor, 2 unit capacitive sensor at starting point and end point.
- External "OUTPUT" devices to interfacing with PLC controller unit.
- Single belt conveyor.
- START button (Normally open, 2 unit), STOP button (Normally close, 1 unit), Emergency button (1 unit).

The equipment must be equivalent or high than this specification

Technical Parameters :

- power supply AC230V 10% 50Hz
- temperature -10-50 degree
- ambient humidity L 90%

- dimensions : 600mm x 450mm x 260mm

- overall power consumption : 0.3 kVA

Experiments :

- pneumatic technology application in production line
- sensor technology application
- belt conveyor mechanism installation and debugging
- DC motor training
- Programmable logic controller commands training
- complete trainer installation and debugging

ACCESSORIES :

- Experimental Manual : 1 Copy
- Connecting Cord : 1 Unit
- Soft Ware (Education Only) : 1 Copy
- Dust Cover : 1 Unit
- Power Cable : 1 Unit
- Product Sample : 1 Unit
- PLC module.
- Terminal Block for external input and output.
- Receiving tray.

COUNTRY OF ORIGIN

Made In Malaysia

WARRANTY

2 Year

Send Enquiry **Your Name**

Your Email

Tele Phone

