

Product name:
Electro Pneumatic Training Set

Product code:
CIVIL-EPT-157-0001



Description

Electro Pneumatic Training Set

Technical specification

Single acting cylinder reversing circuit,
Double acting cylinder reversing circuit,
Single acting cylinder speed control circuit,
Double acting cylinder one-way speed regulation circuit
Double acting cylinder both-way speed regulation circuit
Speed changing-over circuit
Buffering circuit
Twice pressure control circuit
High and low voltage convert circuit
Delay circuit
Overload protection circuit
Interlocking circuit
Single cylinder single reciprocating control circuit
Single cylinder continuous reciprocating action circuit
Multi cylinder sequence action circuit
Double-cylinder synchronization action circuit
Unloading circuit
Or gate type valve shuttle application circuit
And gate application circuit of double press valve
Rapid exhaust valve application circuit
Magnetic induction type proximity switch application
Sensor application in control system
Relay control circuit

Technical parameters of the electro pneumatic training set

Power unit - air compressor (Basic configuration minicomputers)

Power source: AC 220V±10% 50Hz/60Hz

Motor power: 600w

Nominal volume: 9L Rated output pressure 0.7MPa

Noise grade: 30dB

Workbench

Workbench size: 1360 X 650 X 1650mm

Aluminum panel size: 1200 (L) X 600 (W)

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Training content of the electro pneumatic training set

Pneumatic basic control circuit experiment

Single acting cylinder automatic control

Double acting cylinder automatic control

PLC control technical application

Relay control technical application

Other comprehensiveness, expansibility experiment type pneumatic circuit

Pneumatic basic experiment circuits illustrated: