

ELECTRO-HYDRAULICS

RE 214

Description:

Hydraulics is an interdisciplinary engineering subject that deals with practical methods of using fluids under pressure. Hydraulic systems are one of 2 general subsets of fluid power systems (the other being pneumatic), which are used to transfer energy. The advantage of hydraulics compared to mechanical and electrical energy transfer methods is the ability to increase the force during transfer and quickly change the direction of movement. Since in hydraulics, energy transfer is done with the help of a hydraulic fluid and fluids are generally malleable, they can be passed through desired paths. The present device has a board chassis and a strong table with a special design for testing hydraulic circuits.

Specifications:

- Power packs and components
- PLC logo siemens
- Pressure relief valve
- Collector 2item
- Lock valve
- Cylinder 2
- Cylinder sensor 4
- Control flow
- Pressure gauge
- Pressure switch
- 4/3 valve
- 3/2 valve
- 4/2valve
- 4/2 valve double solenoid
- Valve with one solenoid
- Capacitive sensor
- Hydraulic motor
- one way valve
- Quick coupling and connecting hoses
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

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Applications:

1. Checking the operation of valves 4/3, 4/2, 3/2
2. Inspection of one-way valves, check valve, relief valve
3. Examination of linear and rotational operators
4. Programming in LOGO PLC environment and programmable control of operators
5. Checking the performance of spool valves

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



Dimensions (L*W*H) mm:1600x 1100 x 1400

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