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Product Name :
Computerized Pressure Control Trainer

Product Code :
SCHOOL-MES880004



Description :

Computerized Pressure Control Trainer

Technical Specification :

FEATURES:

Experimental introduction to control engineering using an example of pressure control

Digital controller with freely selectable parameters: P, I, D and all combinations.

Construction of the system with components commonly used in industry.

SPECIFICATION:

2 pressure tanks :

Capacity: each 10L

Pressure: 10bar

Operating pressure: 6bar

Pressure sensor: 0...6bar

Pneumatically operated control valve :

Connecting flanges: DN15

Kvs: 0,1m³/h

Reference variable: 4...20mA

Stroke: 15mm

Characteristic curve equal-percentage

Line recorder :

2x 4...20mA

Feed rate: 0...7200mm/h, stepped

Controller :

Process variables X, Y as analogue signals: 4...20mA

Power required for operation

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase

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