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Product Name :
Control Of 4 Variables From Process Engineering

Product Code :
LBNY-0005-12700075



Description :

Heating circuit with heater, pump, expansion vessel and heat exchanger
Heater, pneumatic control valve and 6-stage variable-speed centrifugal pump as actuators
Sensors for measurement of the controlled variables; level, flow rate, pressure and temperature
Control of level, flow rate, pressure, temperature and cascade control
2 flow indicators, 1 manometer and 3 thermometers for direct display
Parameterisable controller with 4 selectable control loops
3-channel line recorder
Circuit with collecting tank, graduated tank, pneumatic control valve and 6-stage variable-speed centrifugal pump.

Technical Specification :

Tanks
Collecting tank: approx. 90L
Graduated tank: approx. 6L
Heating circuit pump
Max. head: approx. 3,5m
Max. flow rate: approx. 50L/min
Heater power output: approx. 2kW
Controller parameterisable as
P, PI or PID controller
Switching controller
6-stage centrifugal pump

Max. flow rate: approx. 55L/min
Max. head: approx. 60m
Sensor measuring ranges
Flow rate: 0...4000L/h
Level: 0...700mm
Pressure: 0...6bar.



Laboratory Instrument India