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Product Name :
Level Control Demonstration Unit

Product Code :
LBNY-0005-12700086



Description :

Level control with transparent tank
Level-controlled tank with overflow and graduated scale
Level measurement by pressure sensor
Experimental unit for control engineering experiments
Large process schematic on front panel
Process variables X and Y accessible as analogue signals via lab jacks
Generation of disturbance variables by ball valve with scale in outlet
Control valve: electromagnetic proportional valve
Multi-functional digital industrial controller.

Technical Specification :

Storage tank
Capacity: 15L
Stainless steel
Pump, 3-stage
Max. flow rate: 70L/min
Max. head: 5,6m
Power consumption: 100W
Electromagnetic proportional valve: Kvs: 1,1m³/h
Pressure sensor: 0...100mbar
Process variables as analogue signals: 0...10V
Controller: parameterisable as P, PI or PID controller

Connection of external recording devices (e.g. oscilloscope, line recorder) via lab jacks.



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