

Product Name :
Computerized Level Control Trainer

Product Code :
ENGLABINGCAG260003



Description :

Computerized Level Control Trainer

Technical Specification :

Experimental introduction to control engineering using an example of level control
Construction of the system with components commonly used in industry
Digital controller with freely selectable parameters: P, I, D and all combinations
Level measurement by pressure sensor

SPECIFICATION:

Storage tank: 30L
Centrifugal pump :
Power consumption: 250W
Flow rate: 150L/min
Head: 7m
Speed: 2800min⁻¹

Level-controlled tank :

7L
Level: 0...0,6m
Pressure sensor: 0...100mbar
Pneumatically operated control valve DN 20
Kvs: 4,0m³/h

Reference variable: 4...20mA
Nominal 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



Engineering Lab Equipment India