

Product Name :
Operation Of Industrial Controllers

Product Code :
ENGLABINGCAG8100013



Description :

Operation Of Industrial Controllers

Technical Specification :

Experimental unit for industrial controllers
Digital controller, configurable
Signal generator with potentiometer
Digital voltmeter
First order lag controlled system simulator
All variables accessible as analogue signals at lab jacks

Controller
Configurable as P, PI or PID controller
Proportional gain X_p : 0...999,9%
Integral action time T_n : 0...3600s
Derivative time T_v : 0...1200s
2 inputs, 1 output

Voltmeter
Measuring range: 0...20V
Resolution: 10mV

Reference variables generator

2 voltages selectable
Output voltage: 0...10V

Controlled system simulator
Controlled system type: first order lag
Time constant: 20s
Controlled system gain: 1...10
Process variables as analogue signals: 0...10V
Connection of external instruments (e.g. oscilloscope, line recorder) via lab jacks



Engineering Lab Equipment India