



## 5040 Single Loop Controller

### Features

- Universal Input, 17 Input types
- Universal output including Valve positioner (with and without feedback) output
- Universal Power Supply
- Fast Loop response time of 250 mSec
- Digital filter with brightness control
- 4 Relay and 4 Digital outputs freely configurable for Control, Alarm and events
- 18 Alarm types
- Levels of configuration and password protection
- All Configuration and Calibration from front panel keypad
- Auto tune PID with cascade and Ratio control
- Auto/Manual selection with bump less transfer
- 4 Digital Inputs for remote operation
- 2 Isolated Analog outputs for control /Re-Transmission
- Isolated communication port with Modbus RTU protocol
- Draw-out design for ease of maintenance and replacement

### Benefits

- One controller for all input and output types
- Suitable for wide range of AC/DC Aux supply
- Fast Loop Response suits all process control applications including flow
- Freely configurable I/Os meets most demanding applications
- User friendly menu to configure and calibrate
- All configuration, status and calibration parameters available on Modbus
- Re-Transmission and Communication feature for Interface with DAS/SCADA/PLC
- Most compact, comprehensive and cost effective

### Application

- Heat treatment furnaces
- Reheat furnaces
- Ceramic Kilns
- Glass Industry
- Flow control
- Pressure control
- Distillation and Reactor control in Chemical plants
- Water and waste water control applications