



Features

- Easy configuration via a text based function menu
- Highly configurable to suit any application
- Correct selection from available units for a specific application can reduce complexity and costs.

Specifications



Power Supply		
Supply Voltage	21 - 53 V AC/DC or 85 - 265V AC/DC	
Power Consumption	Less than 3VA	
Sensor Input		
Thermocouple	E, J, K, R, S, T, B and N	
RTD	PT100	
Display		
Process Value	3 x 10mm red LED's	4 x 10mm red LED's
Set Value	3 x 7mm green LED's	4 x 7mm green LED's
Resolution (PV and SV)	1°	1°(SV 0,1° from -9,9 to 99,9°)
Range	-99° to 999°	
Control Output Options		
Relay Contact	8A 250V AC (Resistive Loads)	
Solid State Relay Drive	8 - 28V DC at 10mA	
Analogue Current		0 - 20mA max. 600 Ohms
Analogue Current		4 - 20mA max. 600 Ohms
Analogue Voltage		0 - 5V at 10mA
Analogue Voltage		0 - 10V at 10mA
Alarm Output Options		
Relay Contact	8A 250V AC (Resistive Loads)	
Solid State Relay Drive	8 - 28V DC at 10mA	
Accuracy		
Setting Accuracy	± 1% of Input Span	
Linearisation Accuracy	± 0,3% of Input Span	
Input Sampling Period	70ms	
Features		
Control Action	PID or ON/OFF	PID, ON/OFF or Trip and Recovery
PID Autotune Function		Yes
Proportional Band	No Manual Adjustment	0,5° - 999°
Integral Time	No Manual Adjustment	0 - 999 seconds
Derivative Time	No Manual Adjustment	0 - 999 seconds
PID Relay Cycle Time	1 - 240 seconds	
Heating / Cooling Control	Heating Only	Selectable Heating or Cooling for Control & Alarm Outputs
Temperature Units	Fixed	Celsius or Fahrenheit selectable
Process Protect Function	No	Yes
Process Offset Function	No	Yes
Preselect Timer	No	Yes
Range	1 - 999 minutes	
Accuracy	0.1% of preset time	
Resolution	1 minute	
Keypad Lock	Off or Full Lock	3 Lock Levels



General Specifications	
Operating Temperature	0 - 50°C
Humidity	5 - 85% non-condensing
Storage Temperature	-20°C to 70°C
Protection Class (front panel)	IP54
Protection Class (rear panel)	IP30
Connection	Plug-connector
Weight	250g
Standards	CE mark
Creepage Distance	VDE 0110 (Group C 250V) IEC 664/664A VDE 0435