



West Pro-EC44 Dual Temperature Controller

Product Images



Short Description

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Quick access to important product information is also facilitated with an optional front USB port.

The Pro-EC44 dual temperature controller is ideal for challenging applications such as: Plastics, Extrusion & Rubber, Industrial Ovens & Furnaces, Environmental Chambers, Boiler & Steam Processes, Food & Beverage,

Product Category:	Single Loop or Two Loop Controller
Dimensions and size:	96mm x 96mm x 117mm (HxWxD), 1/4 DIN
Connectors:	Screw terminals
Primary Input Type:	1 or 2 Universal (TC, RTD, DC linear mA/mV)
Other Inputs:	External remote setpoint, (Potentiometer, mA, mV or VDC). Up to 9 digital inputs
Output Type:	Relay, Logic/SSR Driver, Trica or DC Linear mA/VDC
Max. Number of Outputs:	9
Scan Time:	100 ms
Control Type:	Single or Dual PID control (time proportioned, continuous or 3-point stepping) or 2-point (on/off)
Number of Programmer Segments:	255 segments max in upto 64 profiles. Each with 5 event tracks
Power Supply:	100 to 240VAC +/-10%, 50/60Hz or 22 to 65VDC and 20 to 48VC 50/60Hz
Communications:	RS 485 (Modbus RTU) / Ethernet (Modbus TCP)
Panel Sealing:	IP66
Certifications:	CE, cULus
Software Tools:	BlueControl

Additional Information

Country of Manufacture	United Kingdom
Brand	West
Display Colour	Red, Green
Display Digits	Graphic / Text
Input Type	Thermocouple, RTD, Linear
Typical applications	Industrial

Additional Options

Unit Type	[C]Controller
	[U]Controller with USB
	[X]Controller/Recorder
	[R]Controller/Recorder
Profiler	[0]Not Fitted
	[P]Profiler
Power Supply	[0]100-240V AC
	[2]24-48V AC or DC
Control Loops	[1]One Control Loop
	[A] One Loop + Auxiliary Input
	[2]Two Control Loop
BASE Option 1	[1]Relay Output
	[M]Relay Output & Linear DC Output
BASE Option 2	[0]Not Fitted
	[M]Relay Output & Linear DC Output
Plug in Module Slot 1	[0]Not Fitted
	[1]Relay Output
	[2]DC Drive Output for SSR
	[L]Linear DC Output
	[8]Triac Output
Plug in Module Slot 2	[0]Not Fitted
	[1]Relay Output
	[2]DC Drive Output for SSR
	[8]Triac Output
	[9]Dual Relay Output
	[Y]Dual SSR Drive Output

	[T]24VDC Transmitter Power Supply
Plug in Module Slot 3	[0]Not Fitted
	[1]Relay Output
	[2]DC Drive Output for SSR
	[8]Triac Output
	[9]Dual Relay Output
	[Y]Dual SSR Drive Output
	[T]24VDC Transmitter Power Supply
Plug in Module Slot A	[0]Not Fitted
	[1]RS485 Serial Comms - Modbus RTU
	[3]Digital Input
	[4]Auxiliary Input
	[5]Ethernet Port - Modbus TCP
Option C	[0]Not Fitted
	[1]Multiple Digital Input
Manual & HMI Language	[1]English
	[2]French
	[3]German
	[4]Italian
	[5]Spaanish
Packing	Single Pack with Concise Manual
	Single Pack (bulk pack not possible}