



West P8170+ 1/8 DIN Valve Controller

Product Images



Short Description

The West P8170+ is a process controller designed specifically to drive valve motors, with a unique VMD tuning algorithm.

Description

The West P8170+ is a process controller designed specifically to drive valve motors, with a unique VMD tuning algorithm.

- Motorised Valve Control
- Ramping setpoint
- Two process alarms
- Auto/manual tuning
- Loop alarm
- Dual setpoint selection

- RS485 comms
- PC configuration

Product Category:	Single Loop controller
Dimensions and size:	96mm x 48mm x 100mm (HxWxD), 1/8 DIN
Primary Input Type:	Universal (TC, RTD, DC linear V, DC linear mA/mV)
Other Inputs:	1 digital or 1 Remote setpoint
Output Type:	Relay, DC linear, SSd; Triac, 24V transmitter power supply
Max. Number of Outputs:	5
Control Type:	PID with TPSC (VMD), Manual, Alarm, Ramp to setpoint
Power Supply:	100- 240V AC 50- 60Hz 20-48V AC 50/60Hz 22-65 V DC
Communications:	RS-485 serial (Modbus®)
Panel Sealing:	IP66
Certifications:	CE, UL, ULC, CSA
Software Tools:	Plus Series Configurator

Additional Information

Country of Manufacture	United Kingdom
Brand	West
Display Colour	Red, Green
Display Digits	4
Input Type	Thermocouple, RTD, Linear
Typical applications	VMD

Additional Options

Input Type	[1]3 Wire RTD or DC mV
	[2]Thermocouple
	[3]DC mA
	[4]DC Voltage
Option Slot 1	[0]Not Fitted
	[1]Relay Output
	[2]DC Drive Output for SSR
	[3]Linear 0-10V DC Output
	[4]Linear 0-20mA DC Output
	[5]Linear 0-5V DC Output
	[6]Linear 2-10V DC Output
	[7]Linear 4-20mA DC Output
Option Slot 2	[8]Triac Output
	[0]Not Fitted
	[1]Relay Output
	[2]DC Drive Output for SSR
	[3]Linear 0-10V DC Output
	[4]Linear 0-20mA DC Output
	[5]Linear 0-5V DC Output
	[6]Linear 2-10V DC Output
Option Slot 3	[7]Linear 4-20mA DC Output
	[8]Triac Output
	[9]Dual Relay Output
	[0]Not Fitted
	[1]Relay Output
	[2]DC Drive Output for SSR

	[3]Linear 0-10V DC Output
	[4]Linear 0-20mA DC Output
	[5]Linear 0-5V DC Output
	[6]Linear 2-10V DC Output
	[7]Linear 4-20mA DC Output
	[9]Transmitter Power Supply
	[8]Dual Relay Output
Option Slot A	[0]Not Fitted
	[1]RS485 Serial Comms
	[3]Digital Input
	[4]Remote Setpoint Input (Basic)
Power Supply	[0]100-240V AC
	[2]24-48V AC or DC Line Supply
Display Colour	[0]Red Upper & Lower
	[1]Green Upper & Lower
	[2]Red Upper, Green Lower
	[3]Green Upper, Red Lower
Option Slot B	[0]Not Fitted
	[R]Remote Set Point/AUX Input (Full)
Manual Language	[0]No Manual
	[1]English
	[2]French
	[3]German
	[4]Italian
	[5]Spanish
	[6]Chinese Mandarin
	[9]All European Languages (En/Fr/Gr/It/Sp) Concise Manuals

Packing Options	[0]Single Pack with Concise Manual
	[1]Bulk Pack with 1 Concise Manual per unit - Minimum 20 pcs
	[2]Bulk Pack No Manual - Minimum 20 pcs
	[3]Bulk Pack with 1 Full Manual per unit - Minimum 20 pcs
	[5]Single Pack with 1 Full Manual per unit