Call our friendly team on
+44 (0)1243 558270

Tempcon Instrumentation
Ford Lane Business Park
Ford
West Sussex
BN18 0UZ, UK
www.tempcon.co.uk

West 6100+ 1/16 DIN Single Loop Temperature Controller

Product Images

Short Description

The West 6100+ is part of the Plus Series of controllers that take flexibility and ease of use to new levels.

Please note, the price shown above is for the base unit without any configuration or additional options. Please ensure you select the appropriate configuration from the dropdown menus below in order to see the correct final price.

Description

The West 6100+ is part of the Plus Series of controllers that take flexibility and ease of use to new levels.

Evolving from the N6100, the 6100+ benefits from: remote setpoint inputs, digital inputs, plug-in output modules, a customisable operator/HMI menu, jumperless and auto-hardware configuration, and 24VDC transmitter power supply.

Set up time is reduced by as much as 50% compared to the N6100 and operator errors are virtually eliminated

The 6100+ offers one of the most comprehensive control of temperature and process control loops available.

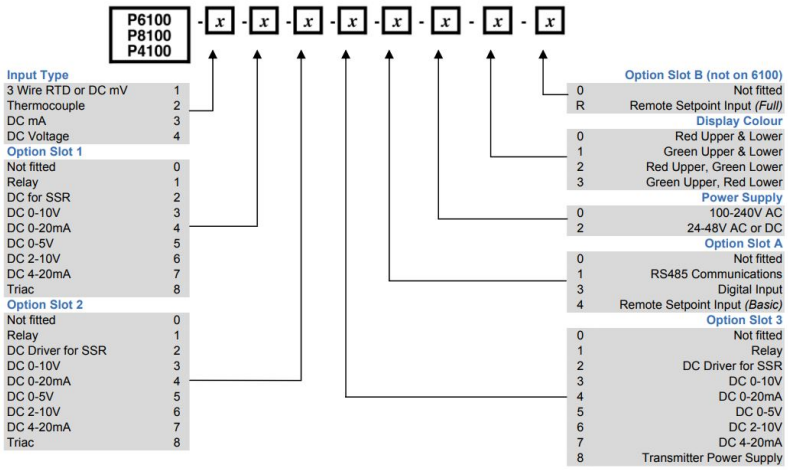
Benefits

- Dual setpoints with optional remote selection
- Plug-in output modules allow installing just the functions needed
- Expanded user-selectable operator modes
- User-selectable plug-and-play output cards
- Process and loop alarms
- Adjustable hysteresis
- Optional analogue Remote Setpoint Input
- Optional 10V SSR driver
- Improved Windows PC configuration software
- Improved easy to use HMI
- Jumperless input configuration
- Auto-hardware recognition
- Faster communication speeds
- More security options
- Backward compatible panel cut out, housing and terminal wiring capability.

Additional Information

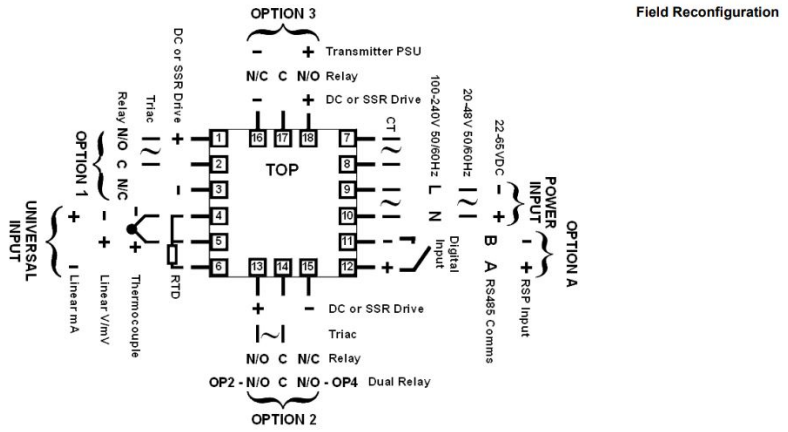
Country of Manufacture	United Kingdom
Explanation	**Product Category:** Single Loop Controller **Dimensions and size:** 48mm x 48mm x 110mm (HxWxD), 1/16 DIN **Primary Input Type:** Universal (TC, RTD, DC linear mA/mV) **Other Inputs:** Digital, Remote setpoint **Output Type:** Relay, SSd, DC linear V or mA, Triac, 24V transmitter power supply **Max. Number of Outputs:** 3 **Control Type:** PID, ON/OFF, Manual, Alarm, Ramp to Setpoint **Power Supply:** 100–240V AC 50–60Hz 20-48V AC 50/60 Hz 22-65V DC **Communications:** RS-485 serial (West ASCII or MODBUS®) **Panel Sealing:** IEC IP66, NEMA4X **Certifications:** CE, UL, ULC, CSA **Software Tools:** Plus Series Configurator

Ordering Code



Wiring Connections

6100+



Brand	West
Display Colour	Red
Display Digits	4
Input Type	Thermocouple, RTD, Linear
Typical applications	Industrial
Measurements	Temperature, Universal

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
	[8]Triac Output
Option Slot 2	[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
	[8]Triac Output
Option Slot 3	[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
	[8]Transmitter Power Supply
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
Display Colour	[0]Red Upper & Lower
	[1]Green Upper & Lower
	[2]Red Upper, Green Lower
	[3]Green Upper, Red Lower
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