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 8100+ 1/8 DIN Single Loop Controller

Product Images

Short Description

The New West 8100+ 1/8 DIN Process Controller combines technical functionality, field flexibility and ease of use to offer the best in comprehensive process control.

The 8100+ controller is an evolved product from the N8100. The product benefits from having more versatile features and user-friendly functionalities such as remote setpoint inputs, digital inputs, plug-in output modules, a customisable operator/HMI menu, jumperless and auto-hardware configuration, and 24VDC transmitter power supply.

Description

The West 8100+ has been designed to incorporate improvements over the N8100 to save users' time (as much as 50% on product set-up), reduce inventory stock and virtually eliminate the likelihood of operator errors.

The 8100+ results in providing a product which surpasses competitive offerings in terms of ease of use, delivery and value for money.

Key Features

- 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 10V SSR driver
- Optional analogue Remote Setpoint Input
- 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
Brand	West
Display Colour	Red, Green
Display Digits	4
Input Type	Thermocouple, RTD, Linear
Typical applications	Industrial

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 Fixed
	[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

28/08/2025

	[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
Option Slot B	[0]Not Fitted
	[R]Remote Setpoint Input (full, with secondary digital input)
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