

WEST'S 'PLUS' RANGE GETS A SET OF TEMPERATURE CONTROLLERS



The latest additions to West Instrument's 'Plus' range of equipment comprises a set of temperature controllers each with 'Plus' features that "take flexibility and ease of use to the next level," according to the company.

The 4100+, 6100+ and 8100+ controllers offer a number of improvements, including all plug in outputs, auto-configuration and remote set point – all in a package offering improved HMI. "We took the opportunity to completely review temperature controllers and came up with a list of improvements that would benefit both OEMs and users," says West's marketing director Dean Smith.

The adoption of plug in outputs enables units to be customised to each application as required, which reduces the need for OEMs to carry large numbers of different units in stock. Link jumpers have been eliminated to avoid errors at the assembly stage and automatic configuration reduces set up times.

Operating improvements include a customisable menu that can be tailored to display only what is needed and West claims to also have improved HMI to further simplify matters.

All the 'Plus' temperature controllers feature two new options, Remote Set Point (RSP) and Transmitter Power Supply (TxPSU). The control setpoint can be set using a linear DC voltage or milliamp signal from an external device such as a PLC or another controller in cascade applications.

A 24V 22mA transmitter power supply option is available across the range to provide excitation for sensors.

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West Instruments

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Notes for editors:

1. West Instruments of Brighton, East Sussex, is involved in the research, development, marketing and manufacture of temperature and process controllers, profilers, limit controllers and indicators, serving markets worldwide through an international network of distributors. It is also a supplier of industrial timers, counters and shaft encoders sold under the Hengstler, Dynapar & Veeder Root brand names.
2. The company was founded in 1956 and was one of the first to design a microprocessor-based temperature control device, as well as being at the forefront of the development of self-tune algorithms. In 2000, West Instruments launched the MLC 9000 range to provide superior control performance for PLC users and replace the use of multiple discrete controllers on the panel.
3. Today West Instruments is owned by the Danaher Corporation and is a division of Danaher UK Industries.