

DS8B DIGITAL PROCESS DISPLAY



The DS8B digital process controller is a feature rich display which can accept multiple input types from Analogue mA and voltage signals for pressure and level control systems to RTD and thermocouple inputs for temperature control systems, The DS8B can also be setup for Pulse input to display total pulses or total flow for flow measurement applications. The controller offers a bright 4 digit red LED display with two programmable

relays that can be used for pump control or high / low alarms. In addition, the indicator also features a powered, programmable 4-20mA retransmission and an on board 24Vdc sensor excitation as standard.

The push button display allows for easy on-site customer programming for the relays and the process value. The 4 digit display can be programmed to display in any engineering unit the application requires. On-board relays can be set for N/C or N/O operation and also have a programmable dead band. Additional features include a password lock-out feature to prevent unauthorised setting changes.

GENERAL SPECIFICATIONS

- 96mm(w) x 48mm(h). Cut out size 92mm(w) x 46mm(h).
- Input: TC/RTD/4-20mA/0-75mV/0-10Vdc.
- Programmable 4-20mA retransmission.
- 4 Digit process display + SV Display.
- 2 x SPST programmable relay alarm outputs. 3 Amp @ 240VAC.
- Built in 24Vdc Auxiliary power supply (for sensor).
- Supply Voltage: 90-250V AC/DC. (Optional 24VDC/AC).

Part number: 90-250 Vac version – DS8B-220V.

Part number: 24Vdc version – DS8B-24V.

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