DPI

	DPI
	B1504
	0551-62782344 13855103484

universal temperature and process input (dpi/cni models) accuracy: ± 0.5° c temp; 0.03% rdg resolution: 1° /0.1° 10 μ v process temperature stability: rtd: 0.04° c/° c tc@ 25° c (77° f): 0.05° c/° c cold junction compensation process: 50 ppm/° c nmr: 60 db cmr: 120 db a/d conversion: dual slope reading rate: 3 samples/s digital filter: programmable display: 4-digit 9-segment led 10.2 mm (0.40"); dpi/cni32, dpi/cni16, dpi/cni16d, dpi/cni8dv 21 mm (0.83"); dpi/cni8 10.2 mm (0.40") and 21 mm (0.83"); dpi/cni8dh red, green, and amber programmable colors for process variable, setpoint and temperature units input types: thermocouple, rtd, analog voltage, analog current, thermocouple lead resistance: 100 max thermocouple types (its 90): j, k, t, e, r, s, b, c, n, l (j din) rtd input (its 68): 100/500/1000 pt sensor, 2-, 3- or 4-wire; 0.00385 or 0.00392 curve voltage input: 0 to 100 mv, 0 to 1v, 0 to 10 vdc input impedance: 10 m for 100 mv 1 m for 1 or 10 vdc current input: 0 to 20 ma (5 load) configuration: single-ended polarity: unipolar step response: 0.7 sec for 99.9% decimal selection temperature: none, 0.1 process: none, 0.1, 0.01 or 0.001 setpoint adjustment: -1999 to 9999 counts span adjustment: 0.001 to 9999 counts offset adjustment: -1999 to 9999 excitation (not included with communication): 24 vdc @ 25 ma (not available for low-power option) universal strain and process input (dpis/cnis models) accuracy: 0.03% reading resolution: 10/1μ v temperature stability: 50 ppm/° c nmr: 60 db cmr: 120 db a/d conversion: dual slope reading rate: 3 samples/s digital filter: programmable input types: analog voltage and current voltage input: 0 to 100 mvdc, -100 mvdc to 1 vdc, 0 to 10 vdc, input impedance: 10 m for 100 mv; 1 m for 1v or 10 vdc current input: 0 to 20 ma (5 load) linearization points: up to 10 configuration: single-ended polarity: unipolar step response: 0.7 sec for 99.9% decimal selection: none, 0.1, 0.01 or 0.001 setpoint adjustment: -1999 to 9999 counts span adjustment: 0.001 to 9999 counts offset adjustment: -1999 to 9999 excitation (optional in place of communication): 5 vdc @ 40 ma; 10 vdc @ 60 ma control action: reverse (heat) or direct (cool) modes: time and amplitude proportional control; selectable manual or auto pid, proportional, proportional with integral, proportional with derivative and anti-reset windup, and on/off rate: 0 to 399.9 s reset: 0 to 3999 s cycle time: 1 to 199 s; set to 0 for on/off gain: 0.5 to 100% of span; setpoints 1 or 2 damping: 0000 to 0008 soak: 00.00 to 99.59 (hh:mm), or off ramp to setpoint: 00.00 to 99.59 (hh:mm), or off auto tune: operator initiated from front panel control output 1 and 2 relay: 250 vac or 30 vdc @ 3 a (resistive load); configurable for on/off, pid and ramp and soak output 1: spdt, can be configured as alarm 1 output output 2: spdt, can be configured as alarm 2 output ssr: 20 to 265 vac @ 0.05 to 0.5 a (resistive load); continuous dc pulse: non-isolated; 10 vdc @ 20 ma analog output (output 1 only): non-isolated, proportional 0 to 10 vdc or 0 to 20 ma; 500 max output 3 retransmission isolated analog voltage and current current: 10 v max @ 20 ma output voltage: 20 ma max for 0 to 10 v output network and communications ethernet: standards compliance ieee 802.3 10base-t supported protocols: tcp/ip, arp, httpget rs232/rs422/rs485: selectable from menu; both ascii and modbus protocol selectable from menu; programmable 300 to 19.2 kb; complete programmable setup capability; program to transmit current display, alarm status, min/max, actual measured input value and status rs485: addressable from 0 to 199 connection: screw terminals