DATENBLATT

N1030-T-Serie

HABEN SIE FRAGEN ODER
WÜNSCHEN SIE EIN INDIVIDUELLES ANGEBOT?
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Erwähnte Firmen- und Produktnamen sind zum Teil eingetragene Warenzeichen der jeweiligen Hersteller.

Temperature Controller N1030T

N1030T is a temperature controller with timer that features high performance PID algorithm, ideal for manufacturers of machines and equipment, in compact housing, with only 35 mm depth. Its compact size and the detachable connector provide and easy setup on thinner profile panels, optimizing space and reducing costs. It has two outputs always available in which both can be configured as control, alarm or timer output.

It also has two independent timers and several operation modes that redirect to one of the controller outputs ou to act joined with temperature controller. It accepts sensors Pt100 and thermocouples J/K/T and it has a quick coupling electric connection that reduce installation setup time.

N1030T is an excellent process controller where reliability and precision are demanded, besides cost effectiveness in PID controller.

Characteristics

- Single Loop PID and ON/OFF controller
- PID auto tuning
- Two independent outputs available
- Dual relay output or 1 pulse and 1 relay versions
- Six alarm functions: LO, HI, differential, differential LO, differential HI, sensor break
- Initial blocking alarm function
- Adjustable alarm hysteresis
- Thermocouples J, K, T and Pt100 input
- Temperature unit °C or °F
- Decimal place indication
- Configurable setpoints limits
- Password protected configuration
- Increasing or decreasing timer counters
- Timer time base in seconds or minutes
- Adjustable timer up to 99:59 (mm:ss or hh:mm)
- Timer trigger by setpoint or F key
- Control output linked to timer can turn on or turn off at end of timer interval
- Factory configuration parameters recovery
- Dual red and green four-digit display
- Front panel material PC UL94 V-2
- Enclosure material: PC UL94 V-2
- Front panel protecion: IP65
- Operating environment: 0 to 60 ºC, 20 to 80 % RH
- Dimensions: 48 x 48 x 35 mm, 1/16 DIN
- Power supply: 100 to 240 Vac/dc or 12 to 24 Vdc / 24 Vdc/ac
- Detachable terminal block