Temperature Controller N1030

N1030 is a temperature controller that features a high performance PID algorithm in a compact housing, with only 35 mm depth.

Its compact construction and the convenient detachable connector provides an easy set up on short profile panels, optimizing the space and reducing costs. It has two outputs always available which can be configured both as a control or an alarm output. There is also a configurable timer function available on a dedicated model.
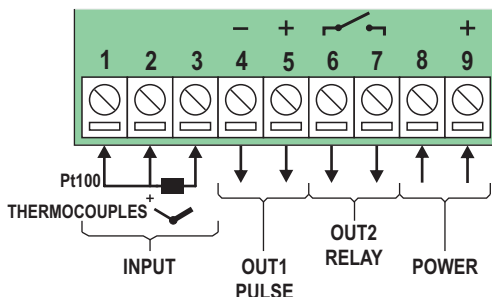
Only 35 mm depth

Simple and friendly set up

Features

- Single Loop PID and ON/OFF controller
- PID auto tuning
- Two independent outputs available
- 1.5 A relay output
- Pulse output
- 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 protection configuration
- 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 50 °C, 20 to 80 % RH
- Dimensions: 48 x 48 x 35 mm
- Power supply: 100 to 240 Vac/dc or 12 to 24 Vdc / 24 Vdc/ac
- Detachable terminal block
- Model with timer function available

Electrical Connections

Pt100
THERMOCOUPLES
INPUT
OUT1 PULSE
OUT2 RELAY
POWER

Panel Mounting

35 mm

INSTRUMENTS PANEL
N1030 PID CONTROLLER DEPTH
CLASSIC PID CONTROLLER DEPTH

NOVUS
We Measure, We Control, We Record