

TCON-CSD/20 Electronic Controller



nVent RAYCHEM TCON-CSD/20 is a compact digital surface sensing thermostat for simple ON/OFF temperature control in non-hazardous areas. The temperature is measured through a sensor and shown on a LCD display. Output relay status is signaled via LED.

KENMERKEN

Simple to install and operate: DIN rail mounting, commissioned and operated via three soft key push buttons on the front panel

Robust, compact and space saving

Adjustable set point: -200 °C to +500 °C

Time-delay after initial power up: can be used to avoid peak demands on power during start-up

SPECIFICATIES

ADDITIONAL PRODUCT DETAILS

Sensing temperature in hazardous area Zone 1 is possible when used in conjunction with MONI-PT100-EXE or MONI-PT100-EXE-SENSOR (separately available). Sensor 'open' and sensor 'short' will be automatically detected and will cause the output to switch to the customer programmed default either permanently ON or OFF. When using 2-wire temperature sensors there will be an error on the temperature readout of approximately 1 °C per 0.39 Ohm lead resistance added. TCON-CSD/20 units are equipped with an option to compensate for the cable resistance added in order to improve the accuracy. Refer to the installation instructions for more details. When the sensor cable is laid in cable ducts or in the vicinity of high voltage carrying cables the sensor extension cable should be shielded. The shield of the extension cable should be grounded at the controller end only.

WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van www.nvent.com of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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