

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.

CARATTERISTICHE

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

SPECIFICHE

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.

AVVERTENZA

AVVERTENZA: i prodotti nVent devono essere installati e usati solo secondo le indicazioni riportate nei fogli delle istruzioni del prodotto nVent e nei materiali di formazione. I fogli di istruzioni sono disponibili sul sito www.nvent.com e presso il vostro rappresentante locale dell'assistenza clienti di nVent. Un'installazione scorretta, l'uso improprio, l'applicazione errata o altre inosservanze delle istruzioni e delle avvertenze di nVent possono causare un malfunzionamento del prodotto, danni alle proprietà, lesioni corporee gravi e morte e/o l'annullamento della garanzia.

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