

TCONTROL-05 Electronic Controller



nVent RAYCHEM TCONTROL-05 is a family of single circuit electronic temperature controllers for non-hazardous areas. Most often this controller is installed in panels. Various versions of this controller are available, see datasheet for more details. Each can be used in combination with any PT100 temperature sensor or standard thermocouples. The temperature range is from -200 to 2400 °C, depending on the type of temperature sensor used.

KENMERKEN

Easy to install, program and operate: display indicates the process value and the set point, during programming it also provides guidance to simplify commissioning, service counters record and eventually alarm on the number of relay operations

Easy to use RAYCHEM TCONTROL-05/CONFIG software can optionally be used for computer aided configuration

Robust, compact and space saving

Adjustable set point: -200 °C to +2400 °C, depending on temperature sensor

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

Input temperature sensors are permanently monitored for failures

SPECIFICATIES

Hoogte:	48 mm
Breedte:	48 mm
Diepte:	78 mm
Voltage Rating:	110 – 240 V
Bedrijfstemperatuur:	-10 tot 55 °C

Table 1/1

Catalogusnummer	Naam van het item	Communication Protocol	4-20 mA Temperature Input
1244-022496	TCONTROL-05	Geen	Nee
1244-022497	TCONTROL-05/MA	Geen	Ja

Catalogusnummer	Naam van het item	Communication Protocol	4-20 mA Temperature Input
1244-022498	TCONTROL-05/COMA	Modbus RTU	Ja
1244-022499	TCONTROL-05/COM	Modbus RTU	Nee

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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