

# RTD-CS Corrugated Sheath RTD Sensor



nVent RAYCHEM RTD-3CS, RTD-10CS and RTD50CS are three-wire platinum resistance temperature detector (RTD) typically used with monitoring and control systems when accurate temperature control is required. Used in non-hazardous and CID2 locations.

## FEATURES

Simple and fast to install

Direct connection to controller with 1/2"/12.7 mm NPT fitting that connects to the conduit box: allows mounting of the RTD in a typical ambient and splicing of RTD extension wire back to the controller

Sensor housing is 316 stainless steel, lead wire is heathed in Alloy 825

Temperature measuring range: -100 °F to 300 °F/-73 °C to 149 °C

Reliable during long life

## SPECIFICATIONS

**Max Measuring Range:** 400 °F

**Housing Material:** Stainless Steel, 316

Table 1/1

Catalog Number	Item Name	Cable Length
P000000100	RTD3CS	3 ft
P000001510	RTD50CS	50 ft
RTD10CS	RTD10CS	10 ft

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper

installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

**North America**

Tel +1.800.545.6258

Fax +1.800.527.5703

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

**Europe, Middle East,  
Africa**

Tel +32.16.213.511

Fax +32.16.213.604

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

**Asia Pacific**

Tel +86.21.2412.1688

Fax +86.21.5426.3167

[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

**Latin America**

Tel +1.713.868.4800

Fax +1.713.868.2333

[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

Our powerful portfolio of brands:

**RAYCHEM   PYROTENAX   TRACER   NUHEAT**