

# TM10 Mechanical Thermostat



nVent RAYCHEM T-M-10-S/+x+y is a non-hazardous area mechanical surface sensing thermostat providing temperature control for heating cables. Available in ranges: 0 °C-50 °C; 0 °C-200 °C; 50 °C-300 °C. The temperature set point can be adjusted without opening the enclosure via a removable plug in the lid. Direct connection of the heating cable is possible, switching current capacity is 16 A.

## FEATURES

Simple to install and operate: supplied with 2 m long stainless steel fluid filled capillary, 2 cable entries

Energy saving, line-sensing electronic control thermostat

Adjustable set point in ranges: 0 °C-50 °C; 0 °C-200 °C; 50 °C-300 °C (without opening the enclosure via a removable plug in the lid)

Direct switching, maximum current 16 A, 230 VAC: single pole change-over with volt-free contacts, SPDT

Lightweight unit, can be pipe mounted using nVent RAYCHEM support brackets or surface mounted

## SPECIFICATIONS

|                         |                                |
|-------------------------|--------------------------------|
| <b>Current Rating:</b>  | 16 A                           |
| <b>Depth:</b>           | 90 mm                          |
| <b>Height:</b>          | 120 mm                         |
| <b>Width:</b>           | 122 mm                         |
| <b>Material:</b>        | Glass Fiber Reinforced Polymer |
| <b>Thermostat Type:</b> | Mechanical Thermostat          |

Table 1/1

| Catalog Number | Item Name         | Controller Temperature Setting |
|----------------|-------------------|--------------------------------|
| 607672-000     | T-M-10-S/+50+300C | 50 – 300 °C                    |
| 337388-000     | T-M-10-S/0+200C   | 0 – 200 °C                     |
| 105336-000     | T-M-10-S/0+50C    | 0 – 50 °C                      |

## **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**