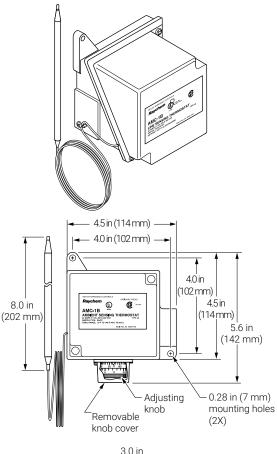
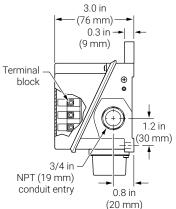


# LINE-SENSING THERMOSTAT FOR NONHAZARDOUS LOCATIONS





#### **PRODUCT OVERVIEW**

The nVent RAYCHEM AMC-1B line-sensing thermostat is designed to control heat-tracing systems in nonhazardous locations. The AMC-1B senses pipe or tank wall temperatures and can be used to control a single heat-tracing circuit or as a pilot control of a contactor switching multiple heat-tracing circuits. It can also be used to indicate low-temperature or high-temperature alarm conditions.

### **SPECIFICATIONS**

Enclosure TYPE 4X, polyurethane-coated

cast-aluminum housing, stainless

steel hardware

Entries One 3/4-in NPT conduit hub

Set point range  $25^{\circ}$ F to  $325^{\circ}$ F ( $-4^{\circ}$ C to  $163^{\circ}$ C)

Sensor exposure limits  $-40^{\circ}$ F to  $420^{\circ}$ F ( $-40^{\circ}$ C to  $215^{\circ}$ C)

Housing exposure limits  $-40^{\circ}$ F to  $160^{\circ}$ F ( $-40^{\circ}$ C to  $71^{\circ}$ C)

Switch SPDT

Electrical rating 22 A at 125 / 250 / 480 Vac

Accuracy  $\pm 6$ °F ( $\pm 3.3$ °C)

Deadband 2°F to 12°F (1.1°C to 6.7°C) above

actuation temperature

Set point repeatability  $\pm 3^{\circ}F$  ( $\pm 1.7^{\circ}C$ )

Sensor type Fluid-filled (silicone) bulb and 9 ft

(2.7 m) capillary

Sensor material 300 series stainless steel

Connection terminals Screw terminals, 10-14 AWG

 $(2-5 \text{ mm}^2)$ 

## **APPROVALS**





Raychem-DS-H55200-AMCIB-EN-1812 nVent.com | 1

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