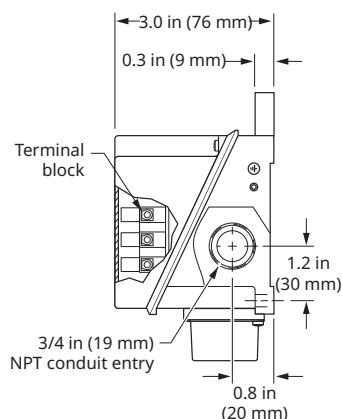
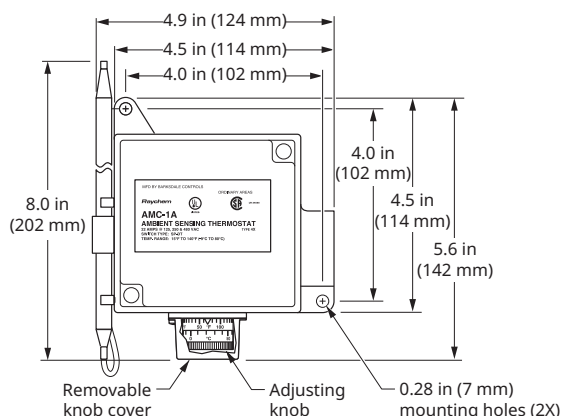
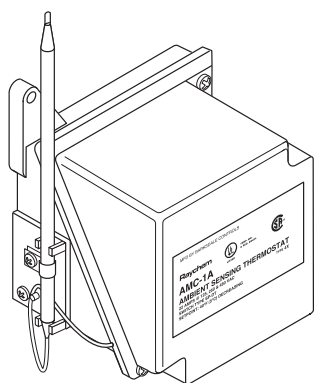


## Ambient-sensing thermostat for nonhazardous locations

### PRODUCT OVERVIEW



The Raychem AMC-1A ambient-sensing thermostat is designed to control heat-tracing systems used for freeze protection in nonhazardous locations. The thermostat responds to ambient temperature changes and has an adjustable set point. The AMC-1A can be used to control a single heat-tracing circuit or as a pilot control of a contactor switching multiple heat-tracing circuits.

### SPECIFICATIONS

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Enclosure               | TYPE 4X, polyurethane-coated cast-aluminum housing, stainless-steel hardware |
| Entries                 | One 3/4-in (19 mm) NPT conduit hub                                           |
| Set point range         | 15°F to 140°F (–9°C to 60°C)                                                 |
| Sensor exposure limits  | –40°F to 160°F (–40°C to 71°C)                                               |
| Housing exposure limits | –40°F to 160°F (–40°C to 71°C)                                               |
| Switch                  | SPDT                                                                         |
| Electrical rating       | 22 A at 125 / 250 / 480 Vac                                                  |
| Accuracy                | ±6°F (±3.3°C)                                                                |
| Deadband                | 2°F to 12°F (1.1°C to 6.7°C) above actuation temperature                     |
| Set point repeatability | ±3°F (±1.7°C)                                                                |
| Sensor type             | Fixed fluid-filled (silicone) bulb and capillary                             |
| Sensor material         | 300 series stainless steel                                                   |
| Connection terminals    | Screw terminals, 10–14 AWG (2–5 mm <sup>2</sup> )                            |

### APPROVALS



**North America**

Tel +1 800 545 6258  
info@chemelex.com

**Latin America**

Tel +1 713 868 4800  
info@chemelex.com

**Europe, Middle East, Africa, India**

Tel +32 16 213 511  
Fax +32 16 213 604  
info@chemelex.com

**Asia Pacific**

Tel +86 21 2412 1688  
infoAPAC@chemelex.com



**Raychem Tracer Pyrotenax Nuheat**