

SM1 Pipe Saddle Riser Assembly

Model Code

SM1 - T1 - T2 - T3 - T4

SM1 Pipe Saddle Riser Assembly

| T1 | Connection Head |
|-------|--|
| 2AL | Aluminum, 3/4" conduit, Bakelite terminal block |
| 2ALT | Aluminum epoxy, 3/4" conduit, Bakelite terminal block |
| 2SS | Stainless steel, 3/4" conduit, Bakelite terminal block |
| Other | Consult factory |
| X | Not required |

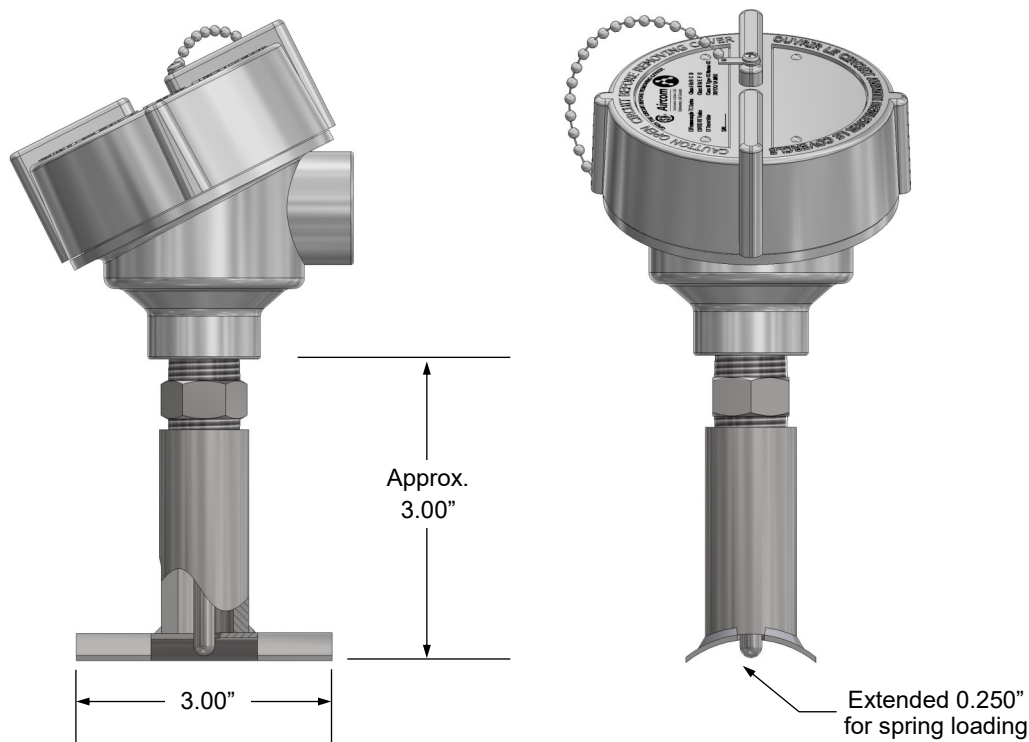
| T2 | Sensor Type |
|----|----------------------------------|
| K | Type K Thermocouple ungrounded |
| J | Type J Thermocouple ungrounded |
| R3 | 100Ω Pt. 385 Class A2 3-Wire RTD |
| R4 | 100Ω Pt. 385 Class A2 4-Wire RTD |

| T3 | Sensor Probe Construction |
|----|--|
| LT | Low temperature ¹ (-50 to 260°C) |
| HT | High temperature ² (-50 to 482°C) |
| ET | Extreme temperature ² (-50 to 850°C) |
| VT | Vibration construction ² (-50 to 482°C) |
| CT | Cryogenic temperature ³ (-200 to 260°C) |

| T4 | Pipe OD |
|-------|-----------------------|
| "NPS" | Specify NPS pipe size |
| X | Not applicable (flat) |

| Sensor Probe Sheath and Pipe Saddle Material | |
|--|--|
| Standard default material is 316/316L stainless steel. Other | |

Outline & Dimensions



NOTES:

1. Part number example: SM1-2ALT-R3-LT-X
2. Class A tolerance definitions will only be applicable for temperatures under 300°C, Class B tolerance will apply to over 300°C
3. Type J thermocouple not suitable for CT sensor probe construction (T3)
4. Assembly is not stand alone hazardous location approved although could be approved intrinsically safe with approved associated apparatus
5. Pipe shoe riser base is curved to pipe OD
6. Pipe attachment bands are available as a separate item upon request