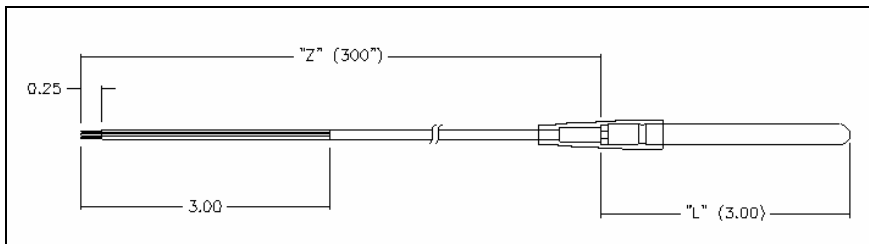


- Completely waterproof design
- 316L stainless steel sheath
- Available in RTD or thermocouple
- Extruded Teflon wire insulation
  - Resists moisture
  - Increased wire strength
- Available in  $\frac{1}{8}$ ",  $\frac{3}{16}$ " &  $\frac{1}{4}$ " sheath diameters
- Crimped transition with strain relief
  - Resists wire separation



- Use in other applications where moisture resistance / waterproof design is important
- Custom designs available

Weed Instrument Company manufactures temperature sensors designed for use in the pharmaceutical industry – specifically autoclaves where precise temperature measurement and long life is required.

These sensors are completely sealed for use inside autoclaves where pressure cycling can force moisture inside the probe.

The waterproof design extends from the sheath, through a dual crimped and sealed transition to the extruded Teflon leadwire. These sensors can be completely submerged in water without affecting the temperature reading or long-term stability.

Weed's autoclave sensors can be used in industrial applications as a more cost

effective option to submersible sensors. Our sensors provide long life in tough applications.

Weed specializes in custom temperature sensing solutions. Please contact us for any of your application specific needs.

## Model 3312A Autoclave Temperature Sensor

### ORDERING INFORMATION

Model	Description
3312A	Autoclave Temperature Sensor

Code	RTD / Thermocouple Type
01B	100O Platinum, $\alpha = 0.00385$ DIN RTD
TU	Type T thermocouple, ungrounded junction
Other	Specify other type of thermocouple or RTD

Code	Temperature Range / Construction
A	500 °F Maximum Temperature

Code	Number of Leadwires
2	Standard for Single Thermocouple
3	3-wire RTD
4	4-wire RTD

Code	Sheath Length
xxx.x	In inches

Code	Sheath Diameter
A	0.125"
B	0.187"
C	0.250"

Code	Leadwire Length
Zxxx	In inches



At Weed Instrument Company, we provide a complete line of sanitary and high-purity temperature sensors for accurate, reliable temperature measurement. Our products offer the real-life functionality to keep manufacturing processes tightly within specification. They excel in tough applications such as bioreactors, cell culture, fermentation, blending, vaccine production, sterilization and more. Weed has earned a reputation for providing accurate, reliable sensing devices for both everyday dependability and critical temperature situations.



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