

S55 Sanitary Sensor with Thermowell

The S55 Temperature sensor is a favorite for small line applications.

The S55 offers a small diameter thermowell and probe assembly ideal for obtaining an accurate temperature measurement in small diameter tubes or where immersion length is restricted (1.25" minimum immersion).

This configuration offers the convenience of a removable spring-loaded sensing element and the functionality of a compact package. No exposed threads. 3/16" diameter thermowell with fast response time. Use the S55 in applications that require removal of the sensing element without opening the process system.

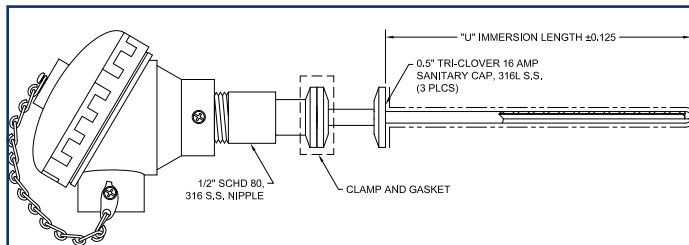


[See it on-line](#)

Specifications

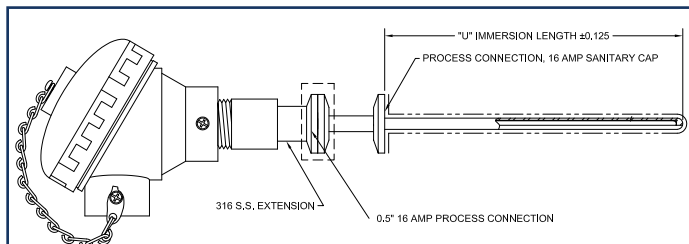
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|---------------------|-----------------------------|
| Temperature Range | -50 to 200 C (-58 to 392 F) |
| Sensor | RTD or Thermocouple |
| Diameter | 0.188" |
| Thermowell Included | Yes |
| Resistance @ 0°C | 100 Ohms |

Popular Variations of the S55



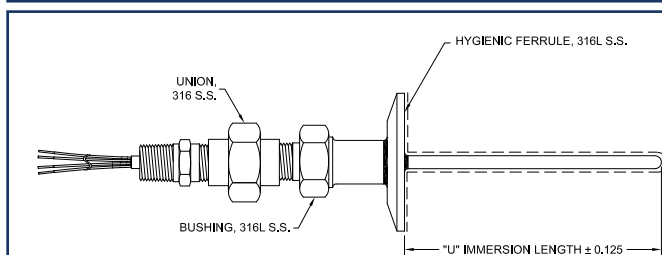
18631 Addition of Hygienic Ferrule instrument Connection

The addition of the Hygienic Ferrule or Tri-Clamp Connector makes the removal of the sensor and head easy. No tools required and no need to disconnect the lead wires. Options for replacement thermowell and probe.



19037 Heavy Duty

Heavy-duty version of the 18361 featuring a 1/4" diameter thermowell.



21737 Pipe Union Fitting

Another option for easy removal of the sensor from the process. This unit does have exposed threads. Uses Burns Engineering's "L" style spring-loaded probe.