

TE-6300W Series Temperature Sensor Thermowells

Description

Thermowells are used in conjunction with remote probe style temperature sensors where thermowell insertion into a vessel or container to sense temperature is required. The TE-6300W thermowells are available in stainless steel, brass body and copper bulb, and direct mount (no adaptor) style.

Refer to the *TE-6300 Series Temperature Sensors Product Bulletin (LIT-216320)* for important product application information.

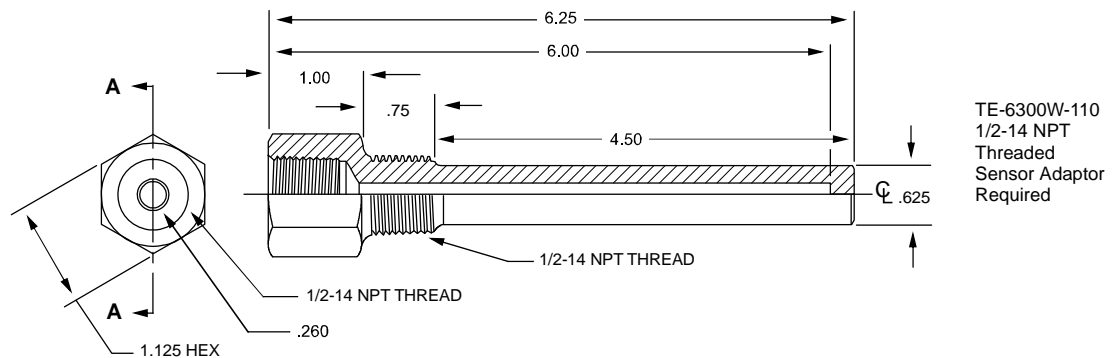
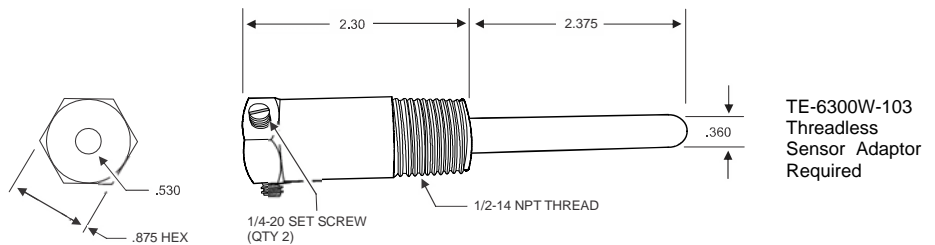
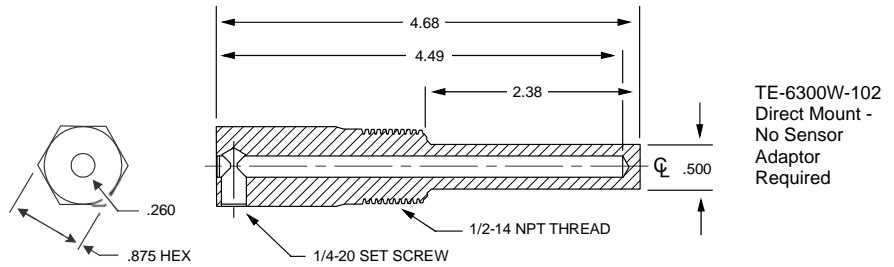
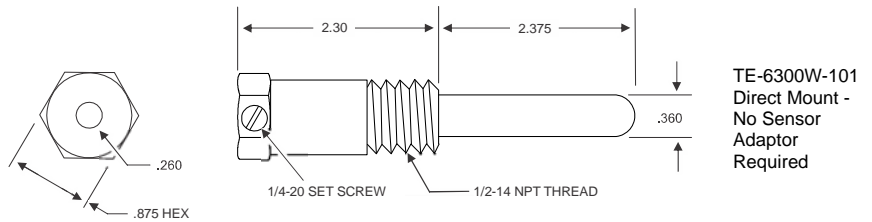
Features

- full line of thermowells and probe style temperature sensing devices
- stainless steel thermowells offer maximum corrosion resistance
- 304 ASTM A479 stainless steel thermowells comply with Canadian Registration Number (CRN) pressure vessel rating
- brass body and copper bulb style offer quicker response times
- direct mount (no adaptor) style offers faster installation times
- supports retrofit application that require NPT adaptors

Repair Information

If the TE-6300W Series thermowell fails to operate within its specifications, replace the unit. For a replacement thermowell, contact the nearest Johnson Controls® representative.

TE-6300W Series Thermowell Dimensions, in.



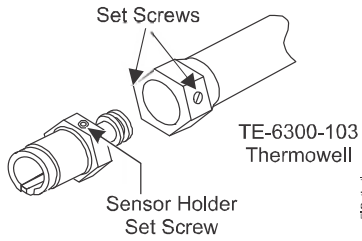
Applications

Code Number	Description	Recommended Sensor
TE-6300W-101 ¹	Thermowell, brass with copper bulb, 2.38 in. (60.5 mm) immersion depth, direct mount, no adaptor required, for use with 6 in. (150 mm) probe	TE-63xAM-2 (no adaptor required)
TE-6300W-102	Thermowell, stainless steel, 2.38 in. (60.5 mm) immersion depth, direct mount, no adaptor required, for use with 6 in. (150 mm) probe	TE-63xAM-2 (no adaptor required)
TE-6300W-103 ¹	Thermowell, brass with copper bulb, 2.38 in. (60.5 mm) immersion depth, threadless adaptor required, for use with 6 in. (150 mm) probe	TE-63xAM-1 or TE-63xAP-1 (sensor includes adaptor)
TE-6300W-110	Thermowell, Stainless Steel, 4.50 in. (114.3 mm) immersion depth, 1/2-14 NPT adaptor required, for use with 8 in. (200 mm) probe	TE-63x2M-1 or TE-63x2P-1 (sensor includes adaptor)

1. Model includes installed thermal conductive compound.

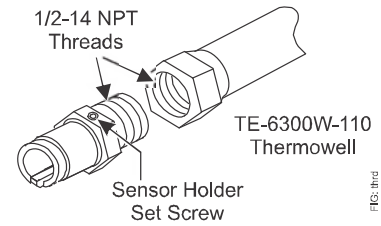
TE-6300W Series Temperature Sensor Thermowells (Continued)

Installing the TE-63xAP-1 Sensor Holder



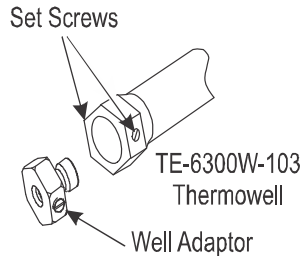
- Sensor model TE-63xAP-1
- Threadless Sensor Holder/Well Adaptor
- 6 in. (150 mm) probe
- includes well adaptor

Installing the TE-63x2P-1 Sensor Holder



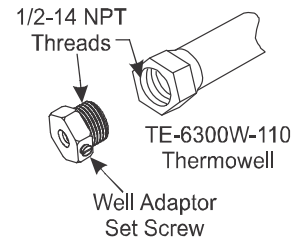
- Sensor model TE-63x2P-1
- 1/2-14 NPT Threaded Sensor Holder/Well Adaptor
- 8 in. (200 mm) probe
- includes well adaptor

Installing the TE-63xAM-1 Well Adaptor



- Sensor model TE-63xAM-1
- Threadless Well Adaptor
- 6 in. (150 mm) probe
- includes well adaptor

Installing the TE-63x2M-1 Well Adaptor



- Sensor model TE-63x2M-1
- 1/2-14 NPT Threaded Well Adaptor
- 8 in. (200 mm) probe
- includes well adaptor

Accessories

Code Number	Description	Recommended Sensor
F-1000-182	Thermal conductive compound, 8 ounce container	8 ounce tube
TE-6300-605	Sensor Holder/Well Adaptor, plastic, 1/2-14 NPT, for use with TE-6300W-110	replacement part, included with TE-63xxP-1
TE-6300-609	Sensor Holder/Well Adaptor, plastic, threadless, for use with TE-6300W-103	replacement part, included with TE-63xAP-1
TE-6300-611	Well Adaptor, brass, 1/2-14 NPT, for use with TE-6300W-110	replacement part, included with TE-63x2M-1
TE-6300-612	Well Adaptor, brass, threadless, for use with TE-6300W-103	replacement part, included with TE-63xAM-1