

## U.S. Style thermowell TU67



### Benefits:

- International certification: hygiene standards as per 3-A®, ASME BPE Certificate of suitability
- Extension, immersion length and total length can be chosen according to process requirements
- Modular configuration enable a use in all industrial processes with severe thermal and mechanical stresses
- Fast response time with reduced tip form

### Specs at a glance

- **Max. process pressure (static)** depends on configuration
- **Maximum standard immersion length** 4.5"
- **Max. immersion length on request** 32"

More information and current pricing:

[www.be.endress.com/TU67](http://www.be.endress.com/TU67)

**Field of application:** Best applicable for use in hygienic or aseptic pipes and containers or tanks. It meets increased protection requirements of the temperature sensor regarding physical and chemical effects. Ideally suited to all measuring points that require regular recalibration by replacing the insert in closed processes.

## Features and specifications

### Thermowell

#### Measuring principle

Bar stock Thermowell

#### Characteristic / Application

US-style

hygienic / aseptic design (3-A®, ASME BPE)

hygienic process Connections

## Thermowell

**Head connection**

internal thread:

1/2" NPT

**Maximum standard immersion length**

4.5"

**Max. immersion length on request**

32"

**Process connection**

Tri-Clamp:

1"

1.5"

2"

2.5"

3"

**Thermowell root diameter**

1/2"

**Medium contact material**

316/ 316L

others on request

**Wetted part finishing (Ra)**32  $\mu\text{in}$  (0.80  $\mu\text{in}$ )15  $\mu\text{in}$  (0.38  $\mu\text{in}$ )**Tip shape**

straight

reduced

**Temperature range**

-200...600 °C (-328...1.112 °F)

**Max. process pressure (static)**

depends on configuration

Thermowell

**Max. process pressure at 400 °C**  
depends on configuration

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More information [www.be.endress.com/TU67](http://www.be.endress.com/TU67)