

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.de.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

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 μin (0.80 μin)15 μin (0.38 μin)**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

More information www.de.endress.com/TU67