

# ITS PKWI Socket Weld Tubular Pockets



ITS produces pockets that have a proven track record in a wide range of industries and applications. Our Thermowell product line includes

- Threaded
- Sanitary Tri-Clover
- Socket-Weld
- Weld-in
- Flanged thermowells.

Large selection of thermowell materials to ensure proper process compatibility from stainless steel to exotic materials such as duplex and alloy C-276.



Overview

- Socket Weld Fabricated Pocket for Standard Sensors
- Simple design with Weld Socket
- Configurable instrument thread



Overview

Connections

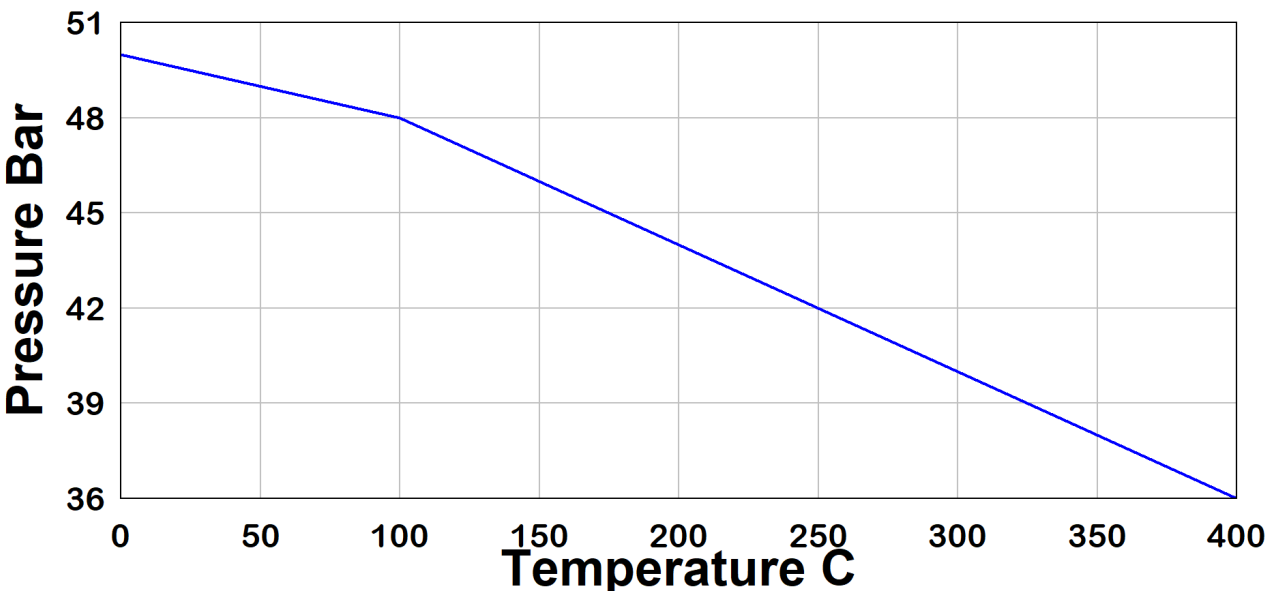
|                       |                           |
|-----------------------|---------------------------|
| Process connection    | 25mm Diameter Weld Socket |
| Instrument connection | 1/2" BSP                  |
| Material              | AISI 316L (1.4404)        |

Surface roughness wetted parts

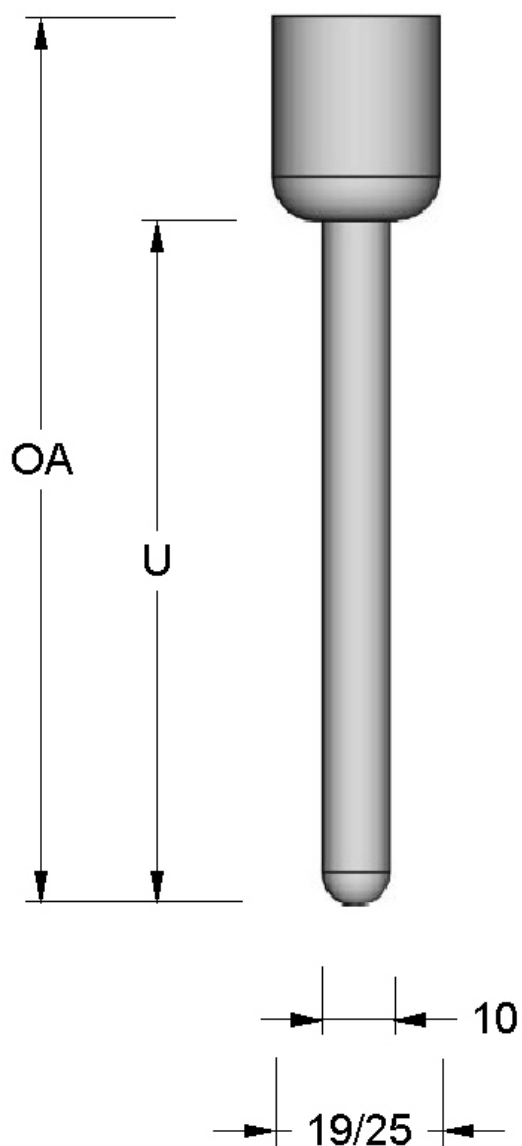
|                   |             |
|-------------------|-------------|
| Surface roughness | Ra ≤ 0.8 µm |
|-------------------|-------------|

Operating Conditions

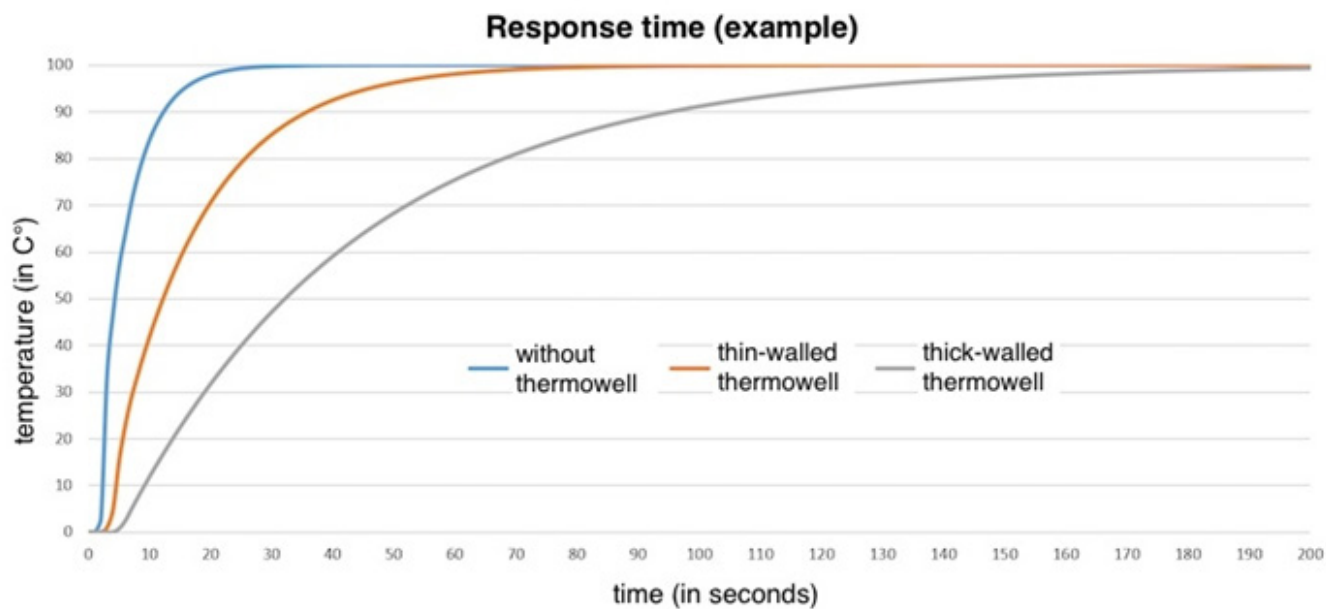
Pressure



## Dimensional drawings (mm)



## Response Time



## Configuration & Order Information

| Product                    | PKWI | #### | - #### | ###  | - ## | #### | - ##### | - ##### |
|----------------------------|------|------|--------|------|------|------|---------|---------|
| Stem Diameter              |      |      |        |      |      |      |         |         |
| 10mm                       |      | 10   |        |      |      |      |         |         |
| Insertion Length           |      |      |        |      |      |      |         |         |
| 20-3000                    |      |      | ####   |      |      |      |         |         |
| Overall Length             |      |      |        |      |      |      |         |         |
| Insertion Length Plus 30mm |      |      |        | #### |      |      |         |         |
| Process Connection         |      |      |        |      |      |      |         |         |
| 25mm Wels Socket for 1/2"  |      |      |        |      | 25   |      |         |         |
| 19mm Wels Socket for 1/4"  |      |      |        |      | 19   |      |         |         |
| Instrument Connection      |      |      |        |      |      |      |         |         |
| 1/2"BSP                    |      |      |        |      |      | 12B  |         |         |
| 1/2"NPT                    |      |      |        |      |      | 12N  |         |         |
| 1/4"BSP                    |      |      |        |      |      | 12B  |         |         |
| 1/4"NPT                    |      |      |        |      |      | 12N  |         |         |
| Internal Diameter          |      |      |        |      |      |      |         |         |
| 7mm                        |      |      |        |      |      |      |         | 7       |
| Material                   |      |      |        |      |      |      |         |         |
| AISI 316L (1.4404)         |      |      |        |      |      |      |         | 316L    |

