

MLTWS01

Thermowell for temperature sensors

Designed for use in the Oil & Gas industry with flanged process connection



More information and current pricing:

www.endress.com/MLTWS01

Benefits:

- Thermowell fabricated from welded tubes
- The process connection is flanged
- Extension, immersion length and total length can be chosen according to process requirements
- Special versions can be manufactured according to customer requirements

Specs at a glance

- **Maximum standard immersion length** 445 mm, other lengths on request

Field of application: This protection tube is an important component for temperature measurement points for almost all industrial processes, especially for Oil & Gas industries. It is used to protect the measuring insert or sensor elements from aggressive process media, high pressures and flow rates from the temperature sensor itself and thereby enables the thermometer to be exchanged during operation.

Features and specifications

Thermowell

Measuring principle

Fabricated Thermowell

Characteristic / Application

Fabricated protection tube

Similar to DIN 43772 Form 2F/3F

Thermowell

Head connection

external thread: M24 x 1.5

Maximum standard immersion length

445 mm, other lengths on request

Process connection

Flange:

DN25 PN40 B1 (EN1092-1)

DN25 PN63 B1 (EN1092-1)

Thermowell root diameter

16 x 10 mm

Medium contact material

1.4571

Tip shape

Reduced Ø12 x 7 x 50 mm

Temperature range

200...600 °C (-328...1.112 °F)

Max. process pressure at 400 °CDepending on pressure rating up to
PN63More information www.endress.com/MLTWS01