

# iTHERM SurfaceLine TST602

## Surface thermometer

Fundamental non-invasive RTD thermometer for basic monitoring applications



### Benefits:

- Suitable for high process pressures (no direct contact with the process)
- Field of application in heavy duty industrial processes

### Specs at a glance

- **Accuracy** class A acc. to IEC 60751 class B acc. to IEC 60751
- **Response time** depending on configuration
- **Max. process pressure (static)** at 20 °C: 500 bar (7.252 psi)
- **Operating temperature range** PT 100: -20 °C ...200 °C (-4 °F ...392 °F)
- **Max. immersion length on request** up to 10.000,00 mm (393,70")

More information and current pricing:

[www.endress.com/TST602](http://www.endress.com/TST602)

**Field of application:** Simple, fast and retrofit installation directly on the pipe or container wall, independent from the process connection, leads to a wide choice of applications: Verifying other measurement devices or temporary temperature measurement without interrupting the process. It is specially designed for climatization and general application in building automation and heat exchangers.

## Features and specifications

### Thermometer

#### Measuring principle

Resistance Temperature Detector

## Thermometer

### Characteristic / Application

metric style  
cable probe  
suitable for high process pressures  
surface mounting

### Thermowell / protection tube

without (not intended to use with thermowell)

### Insert / probe

Not defined

### Max. immersion length on request

up to 10.000,00 mm (393,70")

### Process connection

surface mounting

### Operating temperature range

PT 100:  
-20 °C ...200 °C  
(-4 °F ...392 °F)

### Max. process pressure (static)

at 20 °C: 500 bar (7.252 psi)

### Accuracy

class A acc. to IEC 60751  
class B acc. to IEC 60751

### Response time

depending on configuration

More information [www.endress.com/TST602](http://www.endress.com/TST602)