

# Conductive Point level detection One rod probe 11961Z

High resistance point level detection of  
conductive liquids steam boilers and  
aggressive media



More information and current pricing:

[www.at.endress.com/11961Z](http://www.at.endress.com/11961Z)

## Benefits:

- Safe and reliable measurement even in aggressive medium thanks to corrosion-resistant materials for rod and insulation
- Can be used in steam boilers thanks to ceramic insulation resistant to steam and hot water
- Can be deployed particularly with high pressure or vacuum
- Probe can be shortened as required

## Specs at a glance

- **Process temperature** -200 °C ... 250 °C (-328 °F ... 482 °F)
- **Process pressure absolute / max. overpressure limit** Vacuum ... 160 bar (Vacuum ... 2320 psi)
- **Min. conductivity of medium** 20 µS/cm

**Field of application:** The 11961Z is a highly resistant probe for applications with aggressive medium thanks to corrosion-resistant materials for rod and insulation. It can be used in steam boilers thanks to ceramic insulation resistant to steam and hot water.

## Features and specifications

Point Level / Liquids

Measuring principle

Conductive

**Point Level / Liquids****Characteristic / Application**

One rod probe for high and extremely low temperature and high pressure. Corrosion resistant

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**Supply / Communication**

Relay  
PFM

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**Ambient temperature**

-200 °C ... 250 °C  
(-328 °F ... 482 °F)

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**Process temperature**

-200 °C ... 250 °C  
(-328 °F ... 482 °F)

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**Process pressure absolute / max. overpressure limit**

Vacuum ... 160 bar  
(Vacuum ... 2320 psi)

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**Min. conductivity of medium**

20 µS/cm

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**Main wetted parts**

Ceramic, 316Ti

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**Process connection**

G 1/2

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**Sensor length**

0.1m ... 2m  
(3.9" ... 79")

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**Communication**

Relay

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**Components**

Transmitter: FTW325

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Point Level / Liquids

**Application limits**

Observe min. medium conductivity

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