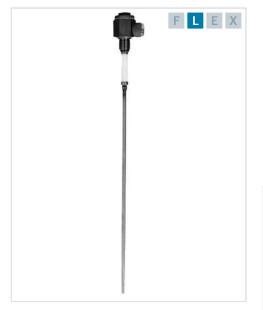
# Conductive Point level detection One rod probe 11961Z

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



More information and current pricing:

www.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

## **Supply / Communication**

Relay

PFM

### Ambient temperature

-200 °C ... 250 °C

(-328 °F ... 482 °F)

### **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

 $20 \mu S/cm$ 

## Main wetted parts

Ceramic, 316TI

#### **Process connection**

G 1/2

### Sensor length

0.1m ... 2m

(3.9" ... 79")

#### Communication

Relay

#### Components

Transmitter: FTW325

# Point Level / Liquids

## **Application limits**

Observe min. medium conductivity

More information www.endress.com/11961Z