

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.ca.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 µS/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

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