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.au.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

More information **www.au.endress.com/11961Z**

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