

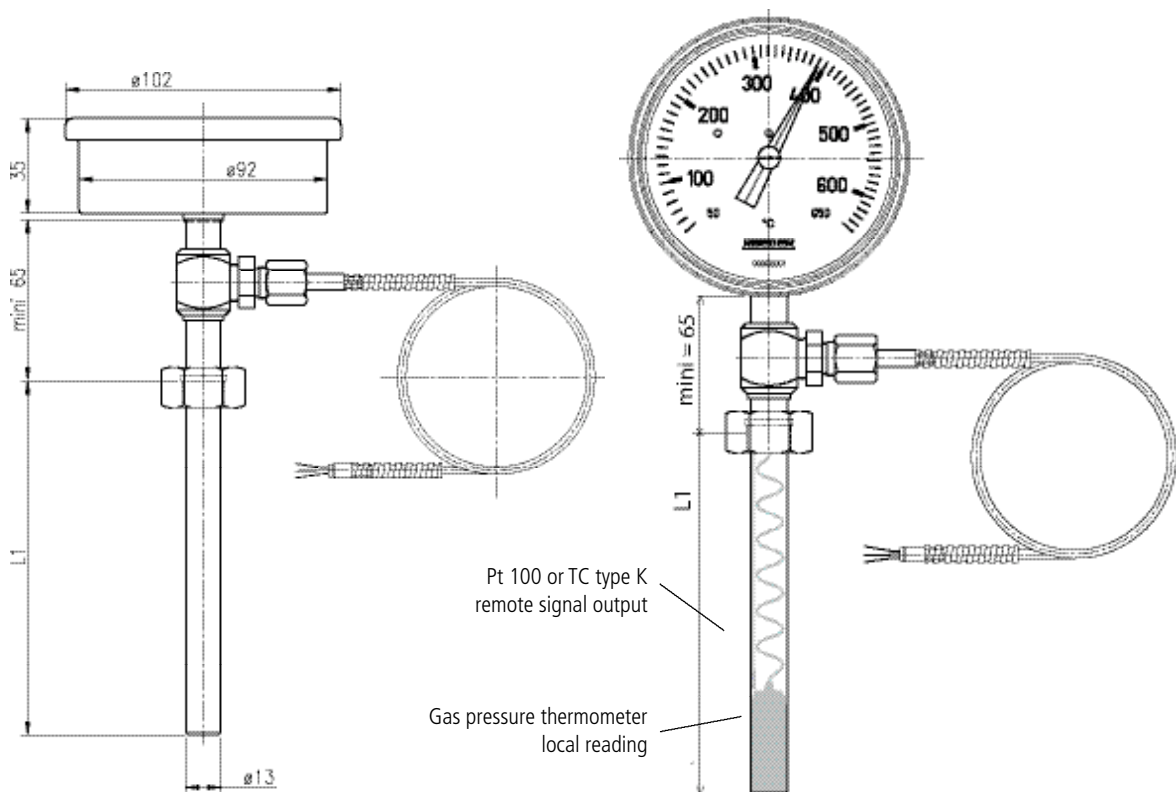
Thermo-Sensor

FT S 92-E-2.07

RÜEGER

Two-in-one temperature measurement instrument. Local indication and remote processable output signals specially designed for diesel engine exhaust gas measurement. Built-in with single or double RTD or TC K sensor(s)

Type **S 92**



Applications

- Diesel engines exhaust gas measurement
- Special execution for explosive environment EEx(i) available on request

Description

Two-in-one instrument. The S92 combines local indication on a 100 mm dial diameter with remote processable output signals specially designed for diesel engine exhaust gas temperature measurement.

Two completely independent measuring systems. The gas pressure thermometer without any power needed and a Pt100 or Thermocouple type K sensor, single or double element.

Advantages

- The S92 combines a local reading indicator and remote signals output (Ω for Pt100 / mV for TC)
- Same measuring point for local indication
- One single thermowell, less installation cost
- Housing silicone oil filled for highest vibrations

Accuracy

- RTD, class B IEC 60 751
- TC, class 2 IEC 60 584
- Local indication $\pm 1.6\%$ Full Scale
- Temperature compensation for ambient $0^{\circ}\text{C} \dots +100^{\circ}\text{C}$

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Type S 92

Standard execution, built-in with:

Temperature range: 50°C to 650°C
 ø dial 100mm (AISI 304)
 ø stem 13mm (AISI 316L)
 Standard length of extension wire 1 m
 Standard stem lengths 165, 215, 265, 315 mm
 Silicone oil filled

Executions

Vertical execution _____ **V**
 Horizontal execution _____ **H**

Connection types

Unthreaded shoulder _____ **A**
 Fixed threaded connection T (std G1/2) _____ **T**
 Swivelling cap connection U (std G1/2) _____ **U**

Output

RTD (Ω)

Pt100 _____ **1**

Thermocouple (mV)

Thermocouple K _____ **K**

Electrical circuit

RTD

1x Pt100 with 2 wires _____ **A**
 1x Pt100 with 3 wires _____ **B**
 2x Pt100 with 2 wires _____ **D**
 2x Pt100 with 3 wires _____ **E**

TC

type K single _____ **1**
 type K double _____ **2**

Stem lengths L1 to specify:
 (std lengths 165, 215, 265, 315 mm)

L1: [] [] [] [] [] mm

Extension cable length LC to specify
 (1 m = std)

LC: [] [] [] [] m

Modifications reserved



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