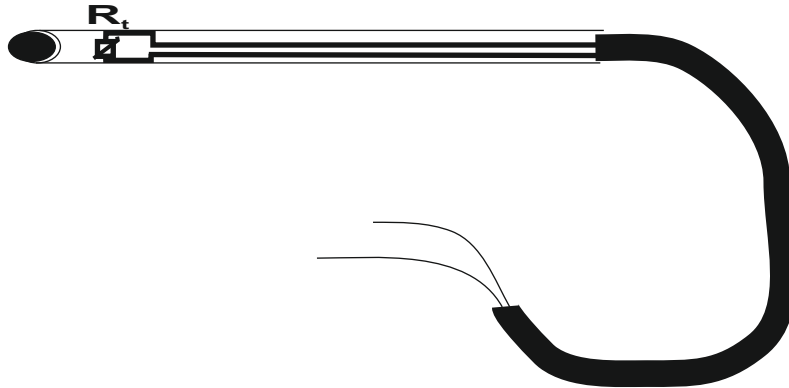


DuctSensor Temp PT1000 / TR 046A-200

Temperature Sensor PT1000 for duct

Electrical diagram



Technical data:

Sensor type: PT 1000/TR 046
Supply: SELV or PELV
Max Required measuring current: Cl.A: 0,5mA / 0,2mA
Cl.B: 0,8mA / 0,3mA
Temperature measuring range: -50-150°C
Accuracy: $\pm(0,3 + 0,005|t|)$ ved °C
Enclosure: IP67
Dimension: Sensor pipe: $\varnothing 6\text{mm} \pm 0,2\text{mm} \times 200\text{mm}$
Cable: 2m 2-wire silicone $0,34\text{mm}^2$

Description:

Temperature sensor TR 046 is designed for measuring temperatures of gaseous and liquid substances. Measuring range for this sensor type is -50°C to 150°C. The sensor is to be used for all controllers compatible with PT 1000 temperature sensor with a temperature coefficient of 3850 ppm / °C. The sensor is also suitable for temperature measurement in chemically non-aggressive environments.

Adjustment:

No adjustment possible.

Mounting:

Sensor pipe must be inserted in pipe. Temperature sensor must be placed against the flow direction in duct and in the middle of the duct.

Drawing: 950-208386 DuctSensorTempPT1000/TR046A-200

Version / Rev. 1.0

Date: 10/1-2022

Drawn by: DF

Manufactured by: **SENSIT**

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