

Type 02825



Room temperature sensor PST

- Pt 100
- Ni 1000

Characteristics

Sensor Pt 100, 3-wire connection

Sensor Ni 1000, 2-wire connection

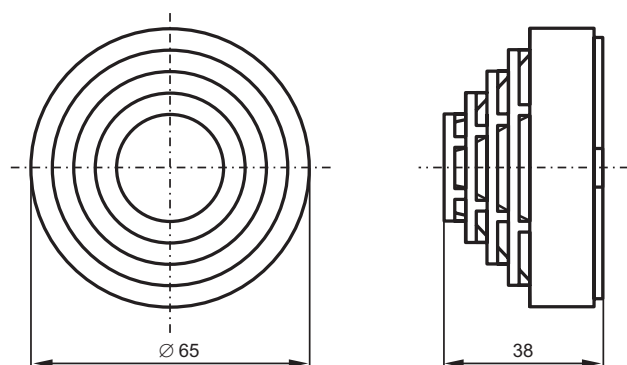
Description - use

The sensors are designed for temperature measuring. The sensor signal can be evaluated for temperature measuring registration or signalisation. Temperature sensor **PST Pt** form platinum Pt100 (custom made Pt500 and Pt1000). Sensor with terminal block is placed in white plastic box with removable lid. The box appearance complies with electronic requirements for location in interiors.

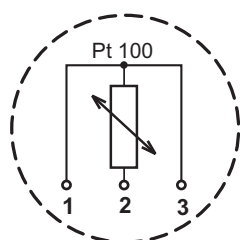
Sensor **PST Ni** has nickel sensor Ni1000, its construction complies with the platinum sensor.

Room temperature sensor is attached on the wall by means of dowel Ø 8 mm and screw Ø 3,5 x 35 mm (included in the supply).

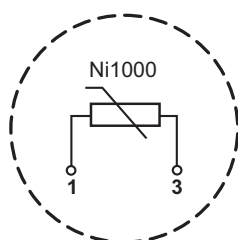
Dimension drawing



Terminal connection



Sensor **PST Pt**



Sensor **PST Ni**

Technical data

Measuring range: -30 to +60°C

Measuring current: to 1mA

Tolerance class: B according to ČSN EN 60751 (Pt)

Temperature coefficient: 5000, 6180 ppm/K (Ni)

Protection class: IP 20

Temperature reaction time: air 15 s

Ordering device

Code	Name
40 02825 90	Room temperature sensor PST
Code	Measuring resistance
10	Pt
20	Ni
Code	Design
01	Pt 100, Ni 1000-5000ppm/K
02	Ni 1000-6180ppm/K

40 02825 90	10	01	Ordered No.
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Order example:

1 room temperature sensor, type 02825 (PST), Pt 100

Warranty

24 months warranty is provided from the delivery date unless specified otherwise in the purchase contract.