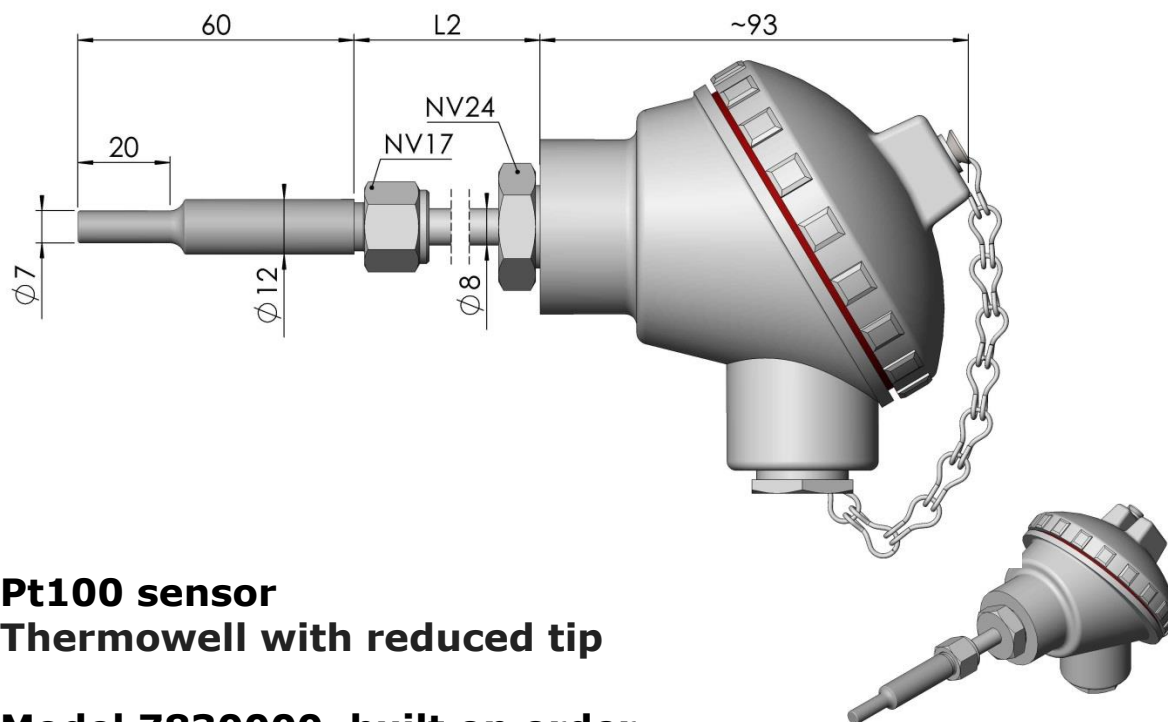




## Pt100 sensor Thermowell with reduced tip

### Model 7830000, built on order

#### Construction

Thermowell with reduced tip (part no. 9062050) for faster and safer measurement. Interchangeable measurement input. The length of L2 as desired, standard 48 and 110mm.

#### Example of use

Temperature measurement of gas and liquid in the process industry. The thermowell is adapted for small-pipe welding, suitable for dimension up to DN 100.

#### Maximum temperature

Insert probe: 250 °C or 450 °C depending on probe construction.

#### Measuring probe, replaceable

Probe diameter: Ø 3.0 mm.

Probe length: L2 + 87 mm.

#### Measuring element (IEC 60751)

|                |
|----------------|
| Pt100 klass A  |
| Pt100 1/3 DIN  |
| Pt100 1/5 DIN  |
| Pt100 1/10 DIN |

#### Material thermowell

|                      |
|----------------------|
| 1.4432 or equivalent |
| 1.4301               |
| 1.0460 (C22.8)       |

#### Terminal head

Adjustable head.

Cable gland M20x1.5.

| Type   | Lid                       | Material                      |
|--------|---------------------------|-------------------------------|
| DNAG   | Screw-on lid              | Grey lacquered aluminium      |
| Form B | Lid fixed with two screws | Grey lacquered aluminium      |
| DAN    | Hinge lid                 | Grey lacquered aluminium      |
| BBK    | Screw-on lid              | Glass fiber armoured Polyamid |
| SEG    | Screw-on lid              | Stainless steel               |

For other alternatives please contact Pentronic.

#### Signal connection

Stripped wires

Transmitter. To be specified separately!

Terminal block

#### Connection of wires

4 wire

3 wire

2 wire

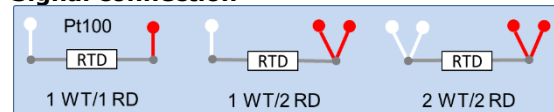
#### Certificate

Test value: Certificate EN10204 3.1

Material: EN10204 3.1 (Thermowell)

Internal pressure tested at 50 Bar (Thermowell)

#### Signal connection



Please contact Pentronic for advice.



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