



Pt100 sensor Protection tube, flange and terminal head

Model 7850000, built on order

Design

Outer protection tube, flange and terminal head.
Replaceable insertion probe.

Example of use

Temperature measurements of gasses and liquids.

Maximum temperature

Probe: 250 or 600 °C depending on design of
insertion probe.

Replacement insertion probes

Pt100 element (IEC 60751)
Pt100 A
Pt100 1/3 DIN
Pt100 1/5 DIN
Pt100 1/10 DIN

Model	Max Temp
7264001	250 °C
7264200	600 °C

Diameter: To be fitted for the protection tube.
Length = L1+L2+27 mm

Housing

Protection tube diameter d (mm)	Material Stainless steel
10	EN 1.4435
12	EN 1.4435
15	EN 1.4435

For other choices please contact Pentronic

Process connection

Flange according to DIN 2527
Material: EN1.4404/1.4432/1.4435

Dimension	Pressure class
DN10...DN150	PN16 (=PN10) PN40 (=PN25)
DN200...DN300	PN10, PN16, PN25, PN40

For other choices please contact Pentronic.

Terminal head

Adjustable head.
Cable gland M20x1.5.

Type	Lid	Material
DNAG	Screw-on lid	Grey lacquered aluminium
Form B	Lid with fastening screws	Grey lacquered aluminium
DAN	Hinge lid	Grey lacquered aluminium
BBK	Screw-on lid	Glas fiber armoured Polyamid
BEG	Screw-on lid	Stainless steel
DADAW die	Lid with LED display	Grey lacquered aluminium

Signal connection

4-wire configuration

Signal connection
Stripped wires
Transmitter. To be specified separately
Terminal block

Certificate

Test value: Certificate EN10204 3.1

Option: Model with third-party approval (K 0201267) is available on request for Ød = 10 and 12.

Dimensions

L1 and L2 as required.