

ATEX approved Pt100 sensor Ex d Protective tube, mounting thread and terminal head

Model 7810900, built on order

Design

Outer protective tube with neck and welded mounting thread
Pt100 insertion probe

Example of use

Industrial temperature measurements of gases and liquids

Max. temp.

L1: 600 °C

Lengths

L1 and L2, specified by customer

Pt100 resistor (IEC 60751)

Pt100 Class A
Pt100 1/3 DIN
Pt100 1/5 DIN

Protection tube

Ø d1	Material
10 mm	EN 1.4435 or similar
12 mm	EN 1.4435 or similar

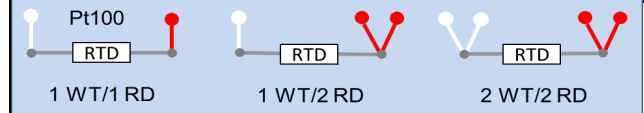
Process connection

Thread, G	Hex size (mm)
G 1/2"	27
G 3/4"	32
G 1"	41
M18 x 1,5	24
1/2" NPT	22

Terminal head

Adjustable terminal head.
Cable gland M20x1,5.
XD-AD Ex d
IP68

Signal connection



Connection options

- Stripped wires
- Transmitter, to be specified separately
- Terminal block

Approved Temperature transmitters

PR 5331A, PR 5333A, PR5333D, PR 5335A, 5335D, 5337A ,
5337D, 3350A and PR 5350B
Made by PR electronics A/S

Certificate

Sensor output signal: Certificate as per EN10204 3.1

Above device has been certified by Pentronic AB to the relevant EC Directive 94/9/EC.
ATEX Directive Code II 2 G.
Pentronic AB have been quality assessed and certified by VTT Finland, notified body
0537.
VTT 17 ATEX 035X
European Standards EN 60079-0:2012, EN 60079-1:2014, EN 60079-7:2015
IECEX VTT 17.0012X and issued with EC Type Examination Certificate against the
following IEC 60079-0:2007