PENTRONIC

ATEX / IECEx / CE

ATEX approved Pt100 sensor Ex d
Protection tube and terminal head

Model 7710900, built on order

Design
Outer protection tube and terminal head
Pt100 insertion probe

Example of use
Temperature measurements of gasses and liquids in
pipes and tanks

Max. temp.
Measuring tip: 600°C

Length
L1, specified by customer

Process connection
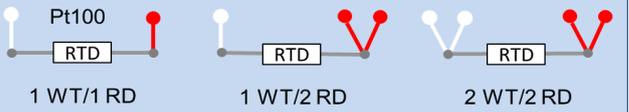Probe can be positioned by the use of e.g. flanges or compression fittings

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

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

Signal connection

| 1 WT/1 RD | 1 WT/2 RD | 2 WT/2 RD |

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

Accessories
See compression fittings
For more information, please contact Pentronic