

ATEX approved Pt100 sensor Ex d for different types of thermowells

Model 7610900, built to order

Design

To be mounted into thermowell e.g. Form4
Spring loaded insertion probe

Example of use

Industrial temperature measurements of gases and liquids in pipes and tanks

Max. temp.

L1: 600°C

Material

EN 1.4435 or similar

Lengths

L1 and L2, specified by customer

Pt100 resistor (IEC 60751)

Pt100 Class A

Pt100 1/3 DIN

Pt100 1/5 DIN

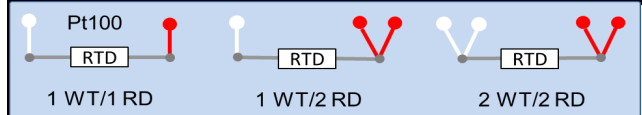
Process connection

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

Accessories

Thermowell Form4, see models 9055020
Weld-in boss for thermowell, see model 9055040