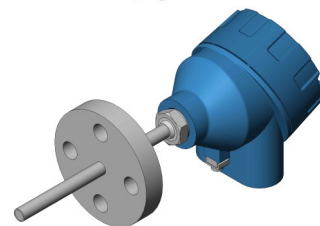


## Ex approved Pt100 sensor Ex d Protection tube, flange and terminal head

### Model 7850900, built on order



#### Design

Outer protection tube, flange and terminal head.  
Pt100 insertion probe.

#### Certified types

7852EX( 2-wire), 7853EX (3-wire), 7854EX (4-wire)

#### Example of use

Temperature measurements of gases and liquids in pipes and tanks.

#### Max. temp.

L1: 600 °C

#### Lengths

L1 and L2, specified by customer.

#### Process connection

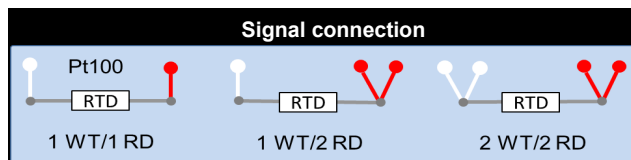
Flange according to EN 1092-1 or ANSI B 16.5.  
Material: EN 1.4404/1.4432/1.4435

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	
Type	Material
XD-SD Ex d	Stainless steel
XD-AD Ex d	Aluminium

Adjustable terminal head, cable gland M20x1,5.  
IP code: IP68



Connection options
Transmitter
Terminal block

#### Approved Temperature transmitters

PR 5331A, PR 5331D, PR 5332A, PR 5332D, PR 5333A, PR 5333D, PR 5335A, PR 5335D, PR 5337A, PR 5337D, PR 5350A, PR 5350B, PR 5437A, PR 5437D.  
Made by: PR electronics A/S

#### Certificate

Sensor output signal: Certificate as per EN10204 3.1

Above device is in conformity with the ATEX Directive 2014/34/EU.  
Pentronic AB have been quality assessed and certified by Eurofins Expert Services Oy Finland, notified body 0537.  
Ex marking: II 2G Ex db eb IIC T6/T5 Gb  
IECEx marking: Ex db eb IIC T6/T5 Gb  
EU-Type Examination Certificate: EESF 19 ATEX 027X Issue 1 (EN 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015/A1:2018)  
IECEx Certificate of Conformity: IECEx EESF 19.0009X Issue 1 (IEC 60079-0:2017, IEC 60079-1:2014-06, IEC 60079-7:2017)