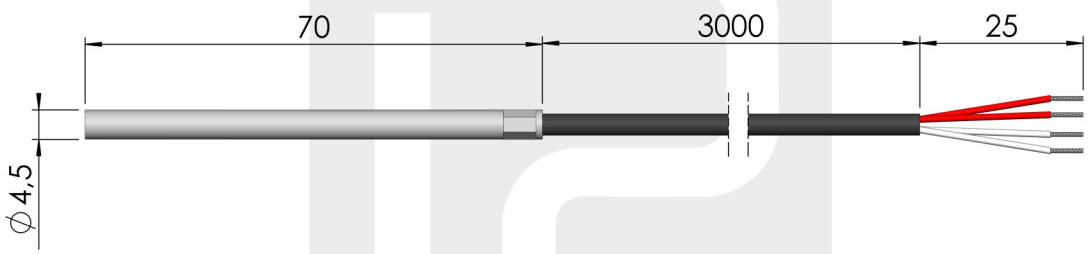
Subject to change without notice



Pt100-sensor
Protection tube and extension wire



Part number 5502637-001

Design
Pt100 sensor mounted in protection tube with extension wire.

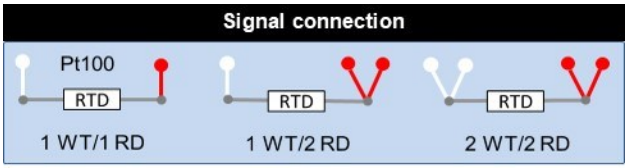
Example of use
Temperature measurements in gases and liquids.
NB. Only the protection tube must be exposed to liquid.

Temperature range
-200°C to +180°C

Mounted sensing element
Wire wound Pt100 element, IEC60751 class A (±0,15°C at 0°C)

Response time (in water acc to IEC60751)
T_{90} <20 sec.

Temperature resistance for cable
The cable shall withstand ambient temperatures from –200°C to +180°C. For temperatures below –65°C for fixed installations only.



Type:	Stripped wires (4-wire connection)
Leads:	AWG 24 (Tinned copper)
Lead insulation:	FEP
Braid:	Tin plated copperwires braid
Overall insulation:	FEP (nominal ø3,3 mm)

Inspection certificate
Sensor output at 0°C, Certificate as per EN10204 3.1

Handling
The sensor is to be handled with care and is not to be exposed to mechanical or thermal shock.

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Proprietary information

250416 Pentronic 5502637-001 En