

IRPT100Ex3

PT100 Temperature Sensor certified for use in Hazardous Area.

Ex Temperature Sensor

- Compact design
- Very flexible due to 3mm OD
- Up to 550°C
- 4-wire design
- According to latest standards
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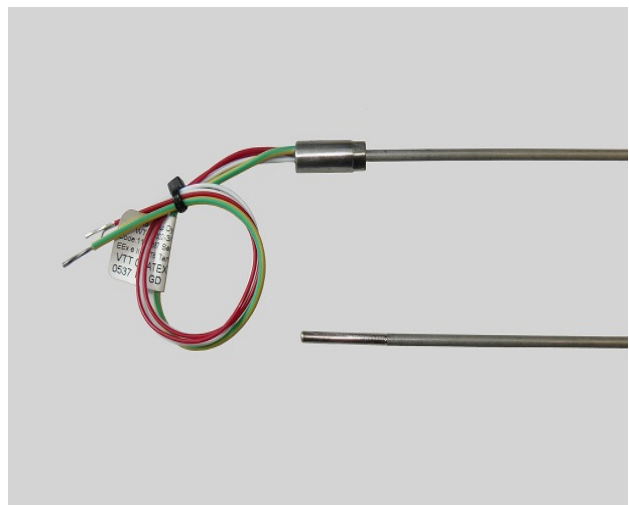
Description

Because of the small outer diameter of 3mm the IRPT100Ex3 temperature sensor is very flexible to use.

The IRPT100Ex3 is a 3mm thick 1.000mm long sheathed cable, which is filled with magnesium oxide.

The flexible part starts immediately after the 25mm long sensor head and thus provides maximum flexibility.

The wide temperature range of -50...+550°C also allows a wide range of applications.





Technical Data

Rating Voltage:	max. 60V
Measurement Range:	-50...+550°C
Max. Temperature:	+550°C sensor head +125°C terminals
Signal Circuit:	max. 10mA AC/DC
Sensor Diameter:	3mm
Sensor Head Length:	25mm
Flexible Part Length:	975mm
Measurement System:	4-wire

Ordering Information

Part number: IRPT100Ex3

Marking

 II 2GD Ex e II T1-T6
 II 2GD Ex tD A21 IP66 T 60°C

Approval

VTT 07 ATEX 014X

Additional Products

Part number:
IRE168DS: Electronic controller
2 relay 16+8A
AG 99 Ex: Ex-Enclosure for
PT100 temperature sensors