

IRPT100Ex3

PT100 temperature sensor for use in hazardous area.



Temperature Sensor Ex



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

Description

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

The IRPT100Ex3 is a 3mm thick, 1.000 mm long sheathed cables, 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 allows a wide range of applications.



Technical Data

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

Approval

ATEX, EAC

Marking

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

Ordering Information

Part number: IRPT100Ex3

Additional Products

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

Further Information

Please consult the installation instructions!