

Oil Seal RTD



Made in the UK 

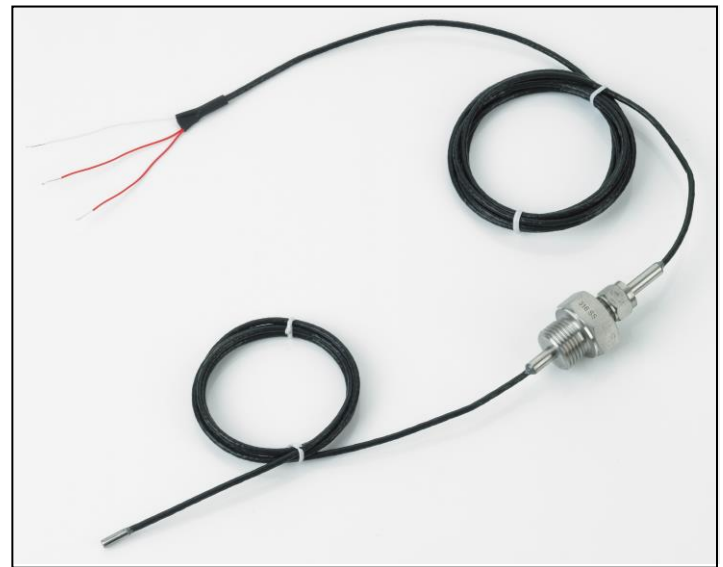
Description

Oil seal resistance thermometer designed to maintain integrity between two environments.

The oil seal resistance thermometer sensors have a Pt100 Class B element housed in a 4mm diameter stainless steel tip 12mm long. This then has a PFA insulated lead wire, available in standard lengths of 1, 1.5, 2 & 3 metres. The cable then enters a stainless steel pressurised transition piece 6mm (D) x 75mm (L) which allows a compression fitting (sold separately) to be attached in order to seal a chamber. The sensor is complete with a 2 metre PFA insulated flexible lead wire as standard.

These sensors are generally bespoke manufactured to customers' requirements and can be made entirely to your specifications.

The RTD can be supplied in either simplex (single sensor) or duplex (dual sensors) 3 wire versions, with the construction designed to maintain the integrity between two environments, specifically oil seals in bearing housings. However, the sensor can be used in any (non-water or steam) application where the user wants an impervious seal.



Specification

Product	Oil Seal RTD
Type	Pt100 3 wire
Temp Range	-50 to 200°C
Accuracy	Class B
Transition	6mm (D) x 75mm (L)
Lead Length	2 Metres
Material	PFA insulation 316 St/St tip & transition
Termination	Stripped leads
Part Number	RGOIL

Features

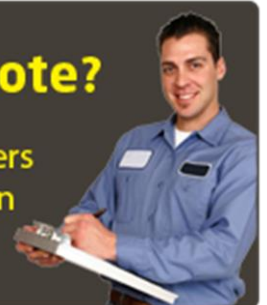
- Pt100 Class B 3 wire
- -50 to 200°C Temperature Range
- Impervious Oil Seal Transition Junction
- Made to Order

Application

- Bearing Housings
- Automotive
- Wind Turbines

Looking for a quote?

Our technical sales engineers will discuss your application and provide a quotation.



For more information visit:

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