

## PHS Hermetically Sealed RTD (Pt100/Pt1000) Sensor

The PHS Hermetically sealed sensors offer a simple, easy to use solution for applications where the sensing junction needs to be protected from electrical interference or protected from moisture/liquids.

As standard the sensors are tested for electrical insulation at 1.0Kv. On request the sensors can be tested at higher voltages.

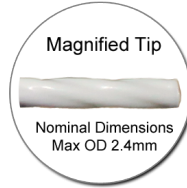
The PFA is temperature rated -100...+260°C making it suitable for a wide range of applications. The insulation is easily cleaned and suitable for sterilisation.

The sensors are available as a 3-wire configuration and can be supplied with standard tails or miniature RTD plug terminations. 2 and 4-wire configurations are also available.




- Hermetically sealed tip - simple and easy to use
- Pt100 or Pt1000 as standard (other elements available)
- 3-wire configuration (2 and 4-wire also available)
- Suitable for insertion into liquids, including oil
- PFA insulation, oil and chemical resistant
- Suitable for use in temperatures ranging from -100...+260°C
- Electrically insulated tip, 1.0Kv (can be tested at higher voltages)
- Flexible 7/0.2mm diameter 24 AWG conductor
- Standard tails or miniature RTD plug terminations



With miniature plug (optional)



With tails (standard)

1 sensor type				code
Hermetically Sealed RTD (Pt100) Sensor				PHS
Hermetically Sealed RTD (Pt1000) Sensor				PHSK
2 wiring configuration				code
2-wire				2
3-wire				3
4-wire				4
3 grade of element		accuracy at 0°C	accuracy at 100°C	code
B		± 0.30°C	± 0.80°C	B
A		± 0.15°C	± 0.35°C	A
4 cable length (mm)				code
As required to suit your application (maximum 5000mm)				e.g. 2000
5 optional cable termination (supplied as standard with tails)				code
			Miniature 2-pin RTD Plug (2-wire)	FMP
			Miniature 3-pin RTD Plug (3-wire)	FMPT
			Miniature 4-pin (Duplex) RTD Plug (4-wire)	FMPD

order code (example) 1 2 3 4 5  
PHS - 3 - B - 2000 - FMPT