

PMH Fabricated RTD (Pt100/Pt1000) Sensor with Miniature Head (+260°C)

PMHI Mineral Insulated RTD (Pt100/Pt1000) Sensor with Miniature Head (+500°C)

Platinum Resistance Thermometers, available with a 3.0mm, 4.5mm, 6.0mm or 8.0mm diameter 316 stainless steel probe, and as a 2, 3 or 4-wire configuration.

The PMH and PMHI sensors are terminated with an IP67 rated miniature die cast alloy terminal head which has a 16mm x 1.5mm (M16) cable entry. Inside the head is a ceramic terminal block which makes connections to the extension cables very easy.

Supplied as standard with a brass compression fitting attached to the terminal head (stainless steel options available on request).

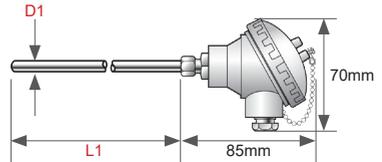


PMH Fabricated RTD Sensor with Miniature Head (+260°C)

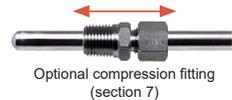
The PMH sensor is supplied with a rigid 316 Stainless Steel sheath. Where the design allows, the sensors are powder-filled to protect the element from damage caused by vibration. Suitable for use between -75°C and +260°C.

PMHI Mineral Insulated RTD Sensor with Miniature Head (+500°C)

The PMHI mineral insulated sensor is supplied with a 316 Stainless Steel sheath and is suitable for use over a wider temperature range: -75°C to +500°C. The mineral insulated construction allows the sensors to be bent (100mm from tip) and protects the Pt100/Pt1000 element against failure caused by vibration.



- Pt100 or Pt1000 as standard (other elements available)
- 3.0mm, 4.5mm, 6.0mm or 8.0mm Ø 316 stainless steel probe
- 2, 3 or 4-wire configuration
- Terminated with IP67 rated miniature die cast alloy head (M16 cable entry)
- **PMH:** suitable for use between -75°C and +260°C
- **PMHI:** suitable for use between -75°C and +500°C
- Ex-stock options available



1		sensor type			code		
		Fabricated RTD (Pt100) Sensor with Miniature Terminal Head			PMH		
		Fabricated RTD (Pt1000) Sensor with Miniature Terminal Head			PMHK		
		Mineral Insulated RTD (Pt100) Sensor with Miniature Terminal Head			PMHI		
		Mineral Insulated RTD (Pt1000) Sensor with Miniature Terminal Head			PMHIK		
2		probe diameter (316 stainless steel) (D1)			code		
		3.0mm			3.0		
		4.5mm			4.5		
		6.0mm			6.0		
		8.0mm			8.0		
3		detector elements - simplex / duplex			code		
		Simplex (1 channel)			S		
		Duplex (2 channels)			D		
4		probe length (mm) (L1)			code		
		As required to suit your application (stock sensors also available)			e.g. 250		
5	wiring configuration	code	6	grade of element	accuracy at 0°C	accuracy at 100°C	code
	2-wire	2		B	± 0.30°C	± 0.80°C	B
	3-wire	3		A	± 0.15°C	± 0.35°C	A
	4-wire (Simplex only)	4		1/3 (Pt100 only)	± 0.08°C	± 0.19°C	1/3
				1/5 (Pt100 only)	± 0.05°C	± 0.15°C	1/5
				1/10 (Pt100 only)	± 0.03°C	± 0.12°C	1/10
7	optional 316 stainless steel compression fitting (to suit probe diameter)			code			
				1/8" BSPT	1/4" BSPT	1/2" BSPT	
		3.0mm		CF30AS	CF30CS	CF30ES	
		4.5mm		CF45AS	CF45CS	CF45ES	
		6.0mm		CF60AS	CF60CS	CF60ES	
		8.0mm		-	CF80CS	CF80ES	

Brass adjustable compression fittings also available. See page 60 for our full range.

order code (example)	1	2	3	4	5	6	7
	PMH	- 6.0	- S	- 100	- 3	- B	- CF60CS