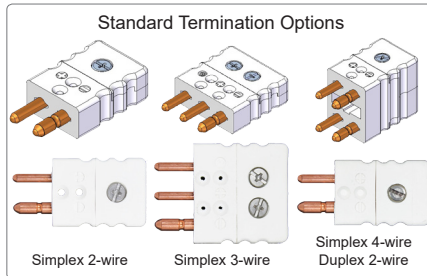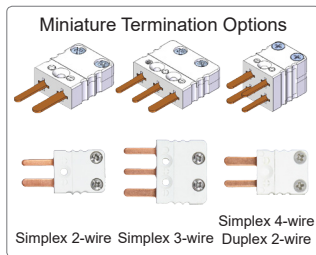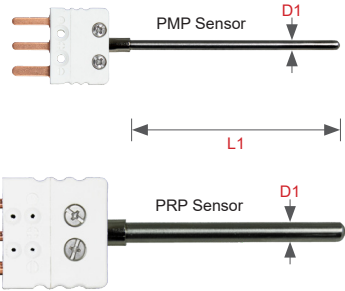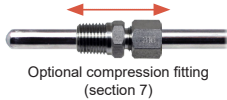## PMP Fabricated RTD (Pt100/Pt1000) Sensor with Miniature Plug/Socket (+260°C)
PRP Fabricated RTD (Pt100/Pt1000) Sensor with Standard Plug/Socket (+260°C)

Platinum Resistance Thermometers, available with a 3.0mm, 4.5mm or 6.0mm diameter 316 stainless steel probe, and as a 2, 3 or 4-wire configuration. Terminated with a miniature or standard plug attached to the probe. Optional compression fittings to match the probe diameter and sockets to match the plug can also be supplied.

- Ideal for quick-connection applications
- Pt100 or Pt1000 as standard (other elements available)
- 3.0mm, 4.5mm or 6.0mm Ø 316 stainless steel probe
- 2, 3 or 4-wire configuration
- Terminated with a miniature or standard plug (sockets also available)
- Probe suitable up to +260°C (connector up to +220°C)
- Ex-stock options available

PMP Sensor · D1 · L1

PRP Sensor · D1

Optional compression fitting (section 7)

Miniature Termination Options

Simplex 2-wire · Simplex 3-wire · Simplex 4-wire Duplex 2-wire

Standard Termination Options

Simplex 2-wire · Simplex 3-wire · Simplex 4-wire Duplex 2-wire

Optional RTD socket (section 8)
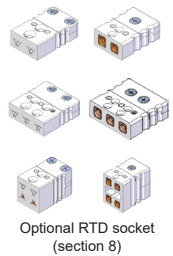
1	sensor type	code
	Fabricated RTD (Pt100) Sensor with Miniature Plug (3.0mm Ø only)	PMP
	Fabricated RTD (Pt1000) Sensor with Miniature Plug (3.0mm Ø only)	PMPK
	Fabricated RTD (Pt100) Sensor with Standard Plug	PRP
	Fabricated RTD (Pt1000) Sensor with Standard Plug	PRPK

2	probe diameter (316 stainless steel) (D1)	code
	3.0mm (PMP, PMPK, PRP, PRPK)	3.0
	4.5mm (PRP, PRPK only)	4.5
	6.0mm (PRP, PRPK only)	6.0

3	detector elements - simplex / duplex	code
	Simplex (2, 3 or 4-wire)	S
	Duplex (2-wire only)	D

4	probe length (mm) (L1)	code
	As required to suit your application (stock sensors also available)	e.g. 250

5	wiring configuration	code
	2-wire (Simplex or Duplex)	2
	3-wire (Simplex only)	3
	4-wire (Simplex only)	4

6	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
	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 (PMP, PMPK, PRP, PRPK)	CF30AS	CF30CS	CF30ES
	4.5mm (PRP, PRPK only)	CF45AS	CF45CS	CF45ES
	6.0mm (PRP, PRPK only)	CF60AS	CF60CS	CF60ES

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

8	optional RTD socket to match sensor plug (supplied loose)	Suitable For	code
	Miniature RTD Socket (2 pin)	Simplex 2-wire	FMJU
	Miniature 3-pin RTD Socket (3 pin)	Simplex 3-wire	FMJTU
	Miniature Duplex RTD Socket (4 pin)	Simplex 4-wire, Duplex 2-wire	FMJDU
	Standard RTD Socket (2 pin)	Simplex 2-wire	RSJU
	Standard 3-pin RTD Socket (3 pin)	Simplex 3-wire	RSJTU
	Standard Duplex RTD Socket (4 pin)	Simplex 4-wire, Duplex 2-wire	RSJDU

See pages 53-58 for our full range of RTD connectors.

order code (example)	1	2	3	4	5	6	7	8
	PMP	3.0	S	100	3	B	CF30AS	FMJTU