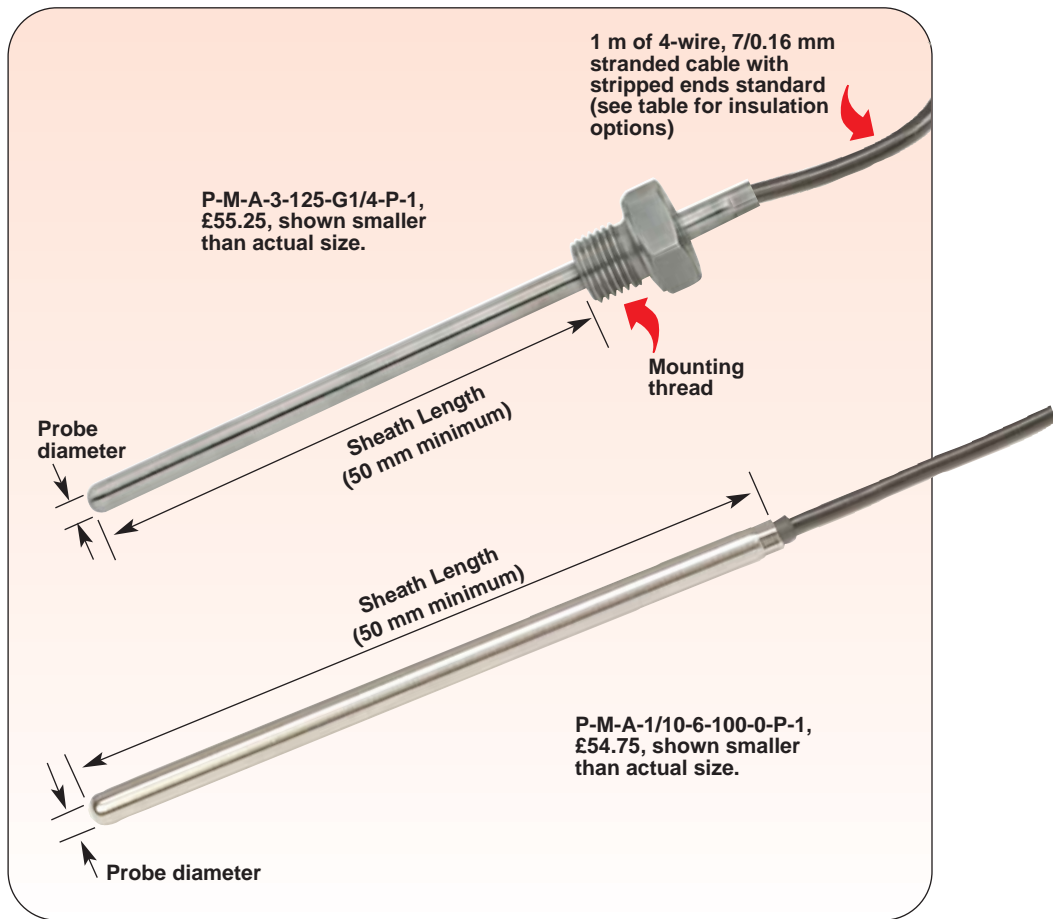


Ultra Precise Immersion RTD Sensors

Starts at
£32⁷⁵



- ✓ 100 Ω Platinum RTDs with 1/10 DIN, 1/3 DIN, or Class "A" Accuracies
- ✓ Temperature Range -100 to 400°C Depending on Accuracy Specification
- ✓ 4-Wire Construction in 6 and 3 mm Diameters
- ✓ A Range of Mounting Threads and Cable Materials are Available



Probes with No Threaded Fitting or BSP Thread

 MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)									
Accuracy	Sensor Diameter	Mounting Thread	PVC Insulated Model Number 150 mm Probe Length	Price	PFA Insulated Model Number 150 mm Probe Length	Price	Fibreglass Insulated Model Number 150 mm Probe Length	Price	
1/10 DIN	3 mm	None	P-M-1/10-3-150-0-P-1	£64.25	P-M-1/10-3-150-0-T-1	£65.35	P-M-1/10-3-150-0-G-1	£66.45	
		G 1/4	P-M-1/10-3-150-G1/4-P-1	77.25	P-M-1/10-3-150-G1/4-T-1	78.35	P-M-1/10-3-150-G1/4-G-1	79.45	
	6 mm	None	P-M-1/10-6-150-0-P-1	54.75	P-M-1/10-6-150-0-T-1	55.85	P-M-1/10-6-150-0-G-1	56.95	
		G 1/4	P-M-1/10-6-150-G1/4-P-1	67.75	P-M-1/10-6-150-G1/4-T-1	68.85	P-M-1/10-6-150-G1/4-G-1	69.95	
1/3 DIN	3 mm	None	P-M-1/3-3-150-0-P-1	47.75	P-M-1/3-3-150-0-T-1	48.85	P-M-1/3-3-150-0-G-1	49.95	
		G 1/4	P-M-1/3-3-150-G1/4-P-1	60.75	P-M-1/3-3-150-G1/4-T-1	61.85	P-M-1/3-3-150-G1/4-G-1	62.95	
	6 mm	None	P-M-1/3-6-150-0-P-1	38.25	P-M-1/3-6-150-0-T-1	39.35	P-M-1/3-6-150-0-G-1	40.45	
		G 1/4	P-M-1/3-6-150-G1/4-P-1	51.25	P-M-1/3-6-150-G1/4-T-1	52.35	P-M-1/3-6-150-G1/4-G-1	53.45	
Class A	3 mm	None	P-M-A-3-150-0-P-1	42.25	P-M-A-3-150-0-T-1	43.35	P-M-A-3-150-0-G-1	44.45	
		G 1/4	P-M-A-3-150-G1/4-P-1	55.25	P-M-A-3-150-G1/4-T-1	56.35	P-M-A-3-150-G1/4-G-1	57.45	
	6 mm	None	P-M-A-6-150-0-P-1	32.75	P-M-A-6-150-0-T-1	33.85	P-M-A-6-150-0-G-1	34.95	
		G 1/4	P-M-A-6-150-G1/4-P-1	45.75	P-M-A-6-150-G1/4-T-1	46.85	P-M-A-6-150-G1/4-G-1	47.95	

For longer sheath length, change "-150" in model to desired length in mm and add £1 per 50 mm to price when longer than 200 mm. For Silicone Rubber insulated cable, change "-P", "-T" or "-G" to "-S" in the model number and use PFA pricing. For longer cable lengths, change "-1" to desired length in metres and add £0.75/metre for PVC, £1.85/metre for PFA or Silicone Rubber and £2.95/metre for fibreglass. For shielding on PVC, PFA or Fibreglass insulated cables, change "P", "T" or "G" to "PS", "TS" or "GS" and add £0.40 per metre to the price. Mounting threads also available in G 1/3 and G 1/2 at the same price.

Ordering Examples: P-M-1/10-3-100-G1/4-P-1, immersion sensor with 3 mm diameter sheath 100 mm long with G 1/4 mounting thread, 1/10 DIN accuracy, 4-Wire PVC cable 1 m long with stripped leads, £77.25. P-M-1/10-3-125-0-P-1, immersion sensor with 3 mm diameter sheath 125 mm long with no mounting thread, 1/10 DIN accuracy, 4-Wire PVC cable 1 m long with stripped leads, £64.25.



Omega's Ultra-Precise RTD/Pt100 sensors are used in a wide variety of applications where accuracy and precise temperature measurement means the difference between failure and success. Why not join the growing list of customers utilising the best the market has to offer?

Cable Options Temperature Range	
PVC Insulated	-50 to 100°C (-58 to 212°F)
PFA Insulation	-50 to 250°C (-58 to 482°F)
Fibreglass Insulation	-50 to 400°C (-58 to 753°F)
Silicone Insulated	-50 to 200°C (-58 to 392°F)

Interchangeability in °C			
Temp °C	Class A	1/3 Din	1/10Din
-50	0.25	0.18	
0	0.15	0.10	0.03
100	0.35	0.27	0.08
200	0.55	0.43	
250	0.65	0.52	
300	0.75		
350	0.85		
400	0.95		
450	1.05		

Probes with Metric Threaded Fittings

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)								
Accuracy	Sensor Diameter	Mounting Thread	PVC Insulated Model Number 150 mm Probe Length	Price	PFA Insulated Model Number 150 mm Probe Length	Price	Fibreglass Insulated Model Number 150 mm Probe Length	Price
1/10 DIN	3 mm	M6x1	P-M-1/10-3-150-M6-P-1	£73.75	P-M-1/10-3-150-M6-T-1	£74.85	P-M-1/10-3-150-M6-G-1	£75.95
		M8x1	P-M-1/10-3-150-M8-P-1	73.75	P-M-1/10-3-150-M8-T-1	74.85	P-M-1/10-3-150-M8-G-1	75.95
	6 mm	M8x1	P-M-1/10-6-150-M8-P-1	64.25	P-M-1/10-6-150-M8-T-1	65.35	P-M-1/10-6-150-M8-G-1	66.45
		M10x1	P-M-1/10-6-150-M10-P-1	64.25	P-M-1/10-6-150-M10-T-1	65.35	P-M-1/10-6-150-M10-G-1	66.45
1/3 DIN	3 mm	M6x1	P-M-1/3-3-150-M6-P-1	57.25	P-M-1/3-3-150-M6-T-1	58.35	P-M-1/3-3-150-M6-G-1	59.45
		M8x1	P-M-1/3-3-150-M8-P-1	57.25	P-M-1/3-3-150-M8-T-1	58.35	P-M-1/3-3-150-M8-G-1	59.45
	6 mm	M8x1	P-M-1/3-6-150-M8-P-1	47.75	P-M-1/3-6-150-M8-T-1	48.85	P-M-1/3-6-150-M8-G-1	49.95
		M10x1	P-M-1/3-6-150-M10-P-1	47.75	P-M-1/3-6-150-M10-T-1	48.85	P-M-1/3-6-150-M10-G-1	49.95
Class A	3 mm	M6x1	P-M-A-3-150-M6-P-1	51.75	P-M-A-3-150-M6-T-1	52.85	P-M-A-3-150-M6-G-1	53.95
		M8x1	P-M-A-3-150-M8-P-1	51.75	P-M-A-3-150-M8-T-1	52.85	P-M-A-3-150-M8-G-1	53.95
	6 mm	M8x1	P-M-A-6-150-M8-P-1	42.25	P-M-A-6-150-M8-T-1	43.35	P-M-A-6-150-M8-G-1	44.45
		M10x1	P-M-A-6-150-M10-P-1	42.25	P-M-A-6-150-M10-T-1	43.35	P-M-A-6-150-M10-G-1	44.45

For longer sheath length, change "-150" in model number to desired length in millimetres and add £1 per 50 mm to the price when longer than 200 mm. For Silicone Rubber insulated cable, change "-P", "-T" or "-G" to "-S" in the model number and use PFA pricing. For longer cable lengths, change "-1" to desired length in metres and add £0.75/metre for PVC, £1.85/metre for PFA or Silicone Rubber and £2.95/metre for fibreglass. For shielding on PVC, PFA or Fibreglass insulated cables, change "P", "T" or "G" to "PS", "TS" or "GS" and add £0.40 per metre to the price.

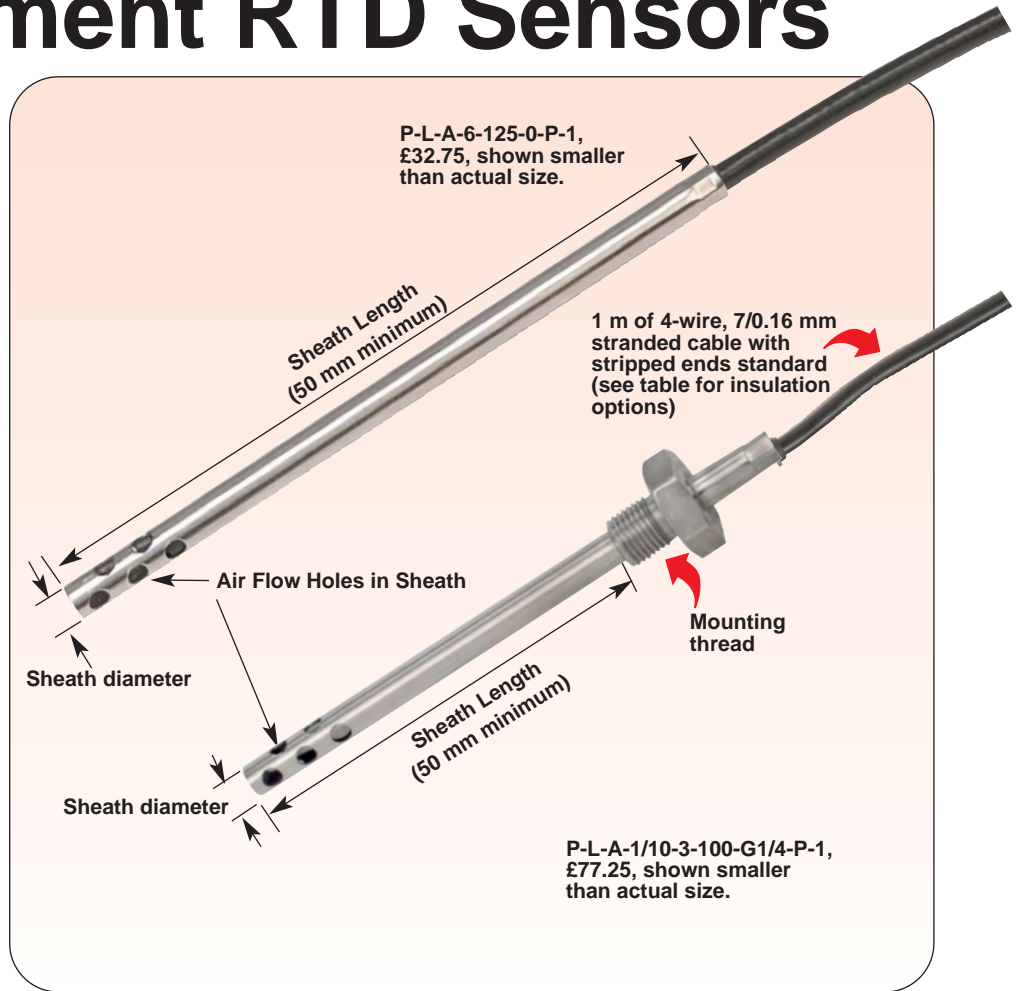
Ordering Examples: P-M-1/10-3-100-M6-P-1, immersion sensor with 3 mm diameter sheath 100 mm long with M6x1 mounting thread, 1/10 DIN accuracy, 4-Wire PVC cable 1 metre long with stripped leads, £73.75. P-M-1/10-6-125-M10-P-1, immersion sensor with 6 mm diameter sheath 125 mm long with M10 x 1 mounting thread, 1/10 DIN accuracy, 4-Wire PVC cable 1 metre long with stripped leads, £64.25.

Ultra Precise Air and Gas Measurement RTD Sensors

Starts at
£32⁷⁵



- 100 Ω Platinum RTDs with Class “A”, 1/3 DIN and 1/10 DIN Accuracies
- Temperature Range -100 to 400°C (Depending on Cable Selection)
- 4-Wire Construction in 6 and 3 mm Diameters
- A Range of Mounting Threads and Cable Materials is Available



Probes with no threaded fitting or BSP thread

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)								
Accuracy	Sensor Diameter	Mounting Thread	PVC Insulated Model Number 150 mm Probe Length	Price	PFA Insulated Model Number 150 mm Probe Length	Price	Fibreglass Insulated Model Number 150 mm Probe Length	Price
1/10 DIN	3 mm	None	P-L-1/10-3-150-0-P-1	£64.25	P-L-1/10-3-150-0-T-1	£65.35	P-L-1/10-3-150-0-G-1	£66.45
		G 1/4	P-L-1/10-3-150-G1/4-P-1	77.25	P-L-1/10-3-150-G1/4-T-1	78.35	P-L-1/10-3-150-G1/4-G-1	79.45
	6 mm	None	P-L-1/10-6-150-0-P-1	54.75	P-L-1/10-6-150-0-T-1	55.85	P-L-1/10-6-150-0-G-1	56.95
		G 1/4	P-L-1/10-6-150-G1/4-P-1	67.75	P-L-1/10-6-150-G1/4-T-1	68.85	P-L-1/10-6-150-G1/4-G-1	69.95
1/3 DIN	3 mm	None	P-L-1/3-3-150-0-P-1	47.75	P-L-1/3-3-150-0-T-1	48.85	P-L-1/3-3-150-0-G-1	49.95
		G 1/4	P-L-1/3-3-150-G1/4-P-1	60.75	P-L-1/3-3-150-G1/4-T-1	61.85	P-L-1/3-3-150-G1/4-G-1	62.95
	6 mm	None	P-L-1/3-6-150-0-P-1	38.25	P-L-1/3-6-150-0-T-1	39.35	P-L-1/3-6-150-0-G-1	40.45
		G 1/4	P-L-1/3-6-150-G1/4-P-1	51.25	P-L-1/3-6-150-G1/4-T-1	52.35	P-L-1/3-6-150-G1/4-G-1	53.45
Class A	3 mm	None	P-L-A-3-150-0-P-1	42.25	P-L-A-3-150-0-T-1	43.35	P-L-A-3-150-0-G-1	44.45
		G 1/4	P-L-A-3-150-G1/4-P-1	55.25	P-L-A-3-150-G1/4-T-1	56.35	P-L-A-3-150-G1/4-G-1	57.45
	6 mm	None	P-L-A-6-150-0-P-1	32.75	P-L-A-6-150-0-T-1	33.85	P-L-A-6-150-0-G-1	34.95
		G 1/4	P-L-A-6-150-G1/4-P-1	45.75	P-L-A-6-150-G1/4-T-1	46.85	P-L-A-6-150-G1/4-G-1	47.95

For longer sheath length, change “-150” in model number to desired length in mm and add £1 per 50 mm to price when longer than 200 mm. For Silicone Rubber insulated cable, change “-P”, “-T” or “-G” to “-S” in the model number and use PFA pricing. For longer cable lengths, change “-1” to desired length in metres and add £0.75/metre for PVC, £1.85/metre for PFA or silicone rubber and £2.95/metre for fibreglass. For shielding on PVC, PFA or Fibreglass insulated cables, change “P”, “T” or “G” to “PS”, “TS” or “GS” and add £0.40 per metre to the price. Mounting threads also available in G 1/2 and G 3/4 at the same price.

Ordering Examples: P-L-1/10-3-100-G-1/4-P-1, immersion sensor with 3 mm diameter sheath 100 mm long with G 1/4 mounting thread, 1/10 DIN accuracy, 4-wire PVC cable 1 m long with stripped leads, £77.25. P-L-1/10-6-150-0-P-1, immersion sensor with 6 mm diameter sheath 150 mm long with no mounting thread, 1/10 DIN accuracy, 4-wire PVC cable 1 m long with stripped leads, £54.75.

These sensors are designed for use in air and gas applications. Vent holes at the tip of the sensor allow the air or gas to directly pass around the RTD element providing the fastest, most accurate measurement possible.

Interchangeability in Degrees C			
Temp °C	Class A	1/3 Din	1/10 Din
-50	0.25	0.18	
0	0.15	0.10	0.03
100	0.35	0.27	0.08
200	0.55	0.43	
250	0.65	0.52	
300	0.75		
350	0.85		
400	0.95		
450	1.05		

Cable Options Temperature Range	
PVC Insulated	-50 to 100°C
PFA Insulation	-50 to 250°C
Fibreglass Insulation	-50 to 400°C
Silicone Insulated	-50 to 200°C



P-L-A-6-200-0-T-1 Class A Air Sensor, £34.85, with optional HH804U hand held meter, £100, shown smaller than actual size.

Probes with metric threaded fittings

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)								
Accuracy	Sensor Diameter	Mounting Thread	PVC Insulated Model Number 150 mm Sheath Length	Price	PFA Insulated Model Number 150 mm Sheath Length	Price	Fibreglass Insulated Model Number 150 mm Sheath Length	Price
1/10 DIN	3 mm	M6x1	P-L-1/10-3-150-M6-P-1	£73.75	P-L-1/10-3-150-M6-T-1	£74.85	P-L-1/10-3-150-M6-G-1	£75.95
		M8x1	P-L-1/10-3-150-M8-P-1	73.75	P-L-1/10-3-150-M8-T-1	74.85	P-L-1/10-3-150-M8-G-1	75.95
	6 mm	M8x1	P-L-1/10-6-150-M8-P-1	64.25	P-L-1/10-6-150-M8-T-1	65.35	P-L-1/10-6-150-M8-G-1	66.45
		M10x1	P-L-1/10-6-150-M10-P-1	64.25	P-L-1/10-6-150-M10-T-1	65.35	P-L-1/10-6-150-M10-G-1	66.45
1/3 DIN	3 mm	M6x1	P-L-1/3-3-150-M6-P-1	57.25	P-L-1/3-3-150-M6-T-1	58.35	P-L-1/3-3-150-M6-G-1	59.45
		M8x1	P-L-1/3-3-150-M8-P-1	57.25	P-L-1/3-3-150-M8-T-1	58.35	P-L-1/3-3-150-M8-G-1	59.45
	6 mm	M8x1	P-L-1/3-6-150-M8-P-1	47.75	P-L-1/3-6-150-M8-T-1	48.85	P-L-1/3-6-150-M8-G-1	49.95
		M10x1	P-L-1/3-6-150-M10-P-1	47.75	P-L-1/3-6-150-M10-T-1	48.85	P-L-1/3-6-150-M10-G-1	49.95
Class A	3 mm	M6x1	P-L-A-3-150-M6-P-1	51.75	P-L-A-3-150-M6-T-1	52.85	P-L-A-3-150-M6-G-1	53.95
		M8x1	P-L-A-3-150-M8-P-1	51.75	P-L-A-3-150-M8-T-1	52.85	P-L-A-3-150-M8-G-1	53.95
	6 mm	M8x1	P-L-A-6-150-M8-P-1	42.25	P-L-A-6-150-M8-T-1	43.35	P-L-A-6-150-M8-G-1	44.45
		M10x1	P-L-A-6-150-M10-P-1	42.25	P-L-A-6-150-M10-T-1	43.35	P-L-A-6-150-M10-G-1	44.45

For longer sheath length, change "-150" in model number to desired length in millimetres and add £1 per 50 mm to the price when longer than 200 mm. For silicone rubber insulated cable, change "-P", "-T" or "-G" to "-S" in the model number and use PFA pricing. For longer cable lengths, change "-1" to desired length in metres and add £0.75/metre for PVC, £1.85/metre for PFA or silicone rubber and £2.95/metre for fibreglass. For shielding on PVC, PFA or Fibreglass insulated cables, change "P", "T" or "G" to "PS", "TS" or "GS" and add £0.40 per metre to the price.

Ordering Examples: P-L-1/10-3-100-M6-P-1, immersion sensor with 3 mm diameter sheath 100 mm long with M6x1 mounting thread, 1/10 DIN accuracy, 4-wire PVC cable 1 m long with stripped leads, £73.75. P-L-1/10-6-125-M10-P-1, immersion sensor with 6 mm diameter sheath 125 mm long with M10x1 mounting thread, 1/10 DIN accuracy, 4-wire PVC cable 1 m long with stripped leads, £64.25.



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