



Air Temperature RTD Probe With M12 Connection

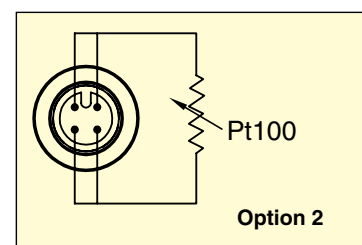
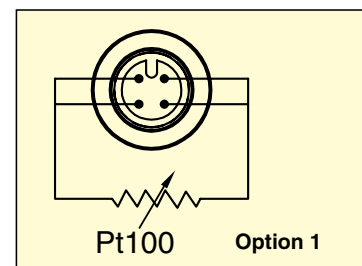
PR-25AP Series



- ✓ Pt100 RTD with Class A Accuracy Standard (Tighter Accuracy Options Available)
- ✓ 316L Stainless Steel Probe and Housing with Vent Holes Around Element
- ✓ Temperature Range: -100 to 250°C (-148 to 500°F)
- ✓ M12, 4-Pin, A-Coded Plug Connector for Easy Installation
- ✓ Available With or Without NPT Mounting Threads
- ✓ Probe Will Withstand 400 psi (27.6 bar) Differential Pressure Between Airstream and Ambient Conditions

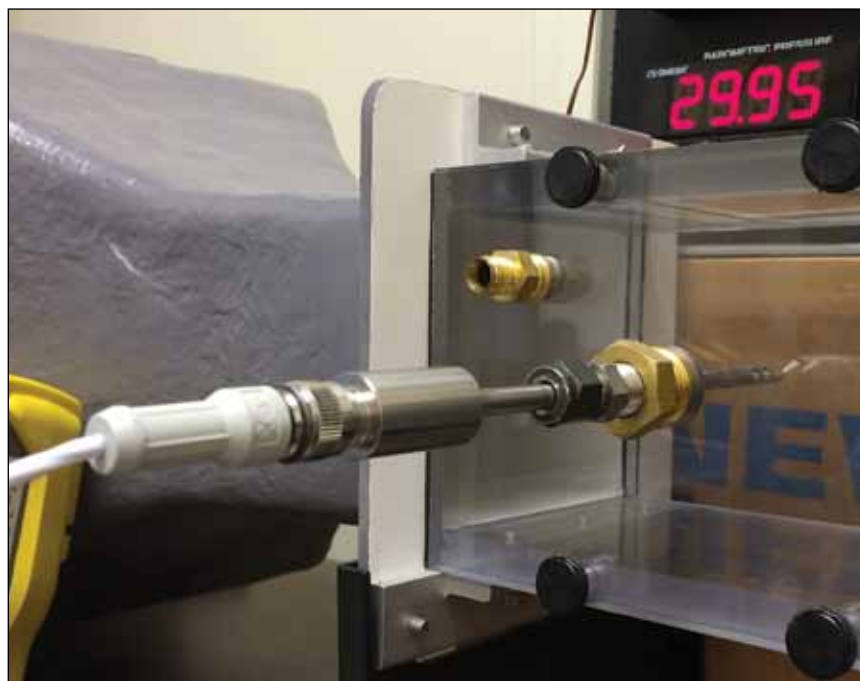
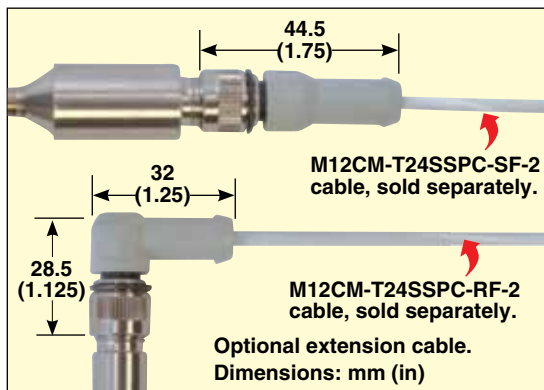
This sensor combines the usefulness of our ultra-precise air measurement RTD sensors with the convenience of our PR-21 M12 enabled RTD sensors. The design of the probe includes a perforated sheath over the sensing element shielding it from debris while allowing airflow to directly reach the element. This results in a sensor which is capable of providing accurate, fast responding temperature measurements.

OMEGA also offers a wide variety of compression fittings, extension cables and measurement and control instruments which allow you to fully customize the system to best meet your measurement and control needs.





**Don't Forget to
Order a M12 Extension
Cable to Easily Connect
Your Sensor to Your
Instrumentation**



PR-25AP-A-1200-0-M12, shown with M12C-SIL-4-R-F-1.5.

To Order

Model Number	Probe Diameter	Probe Length	Mounting Thread
PR-25AP-A-0600-0-M12	1/4"	6"	No thread
PR-25AP-A-1200-0-M12	1/4"	12"	No thread
PR-25AP-A-1800-0-M12	1/4"	18"	No thread
PR-25AP-A-0600-1/2-M12	1/4"	6"	1/2 NPT
PR-25AP-A-1200-1/2-M12	1/4"	12"	1/2 NPT
PR-25AP-A-1800-1/2-M12	1/4"	18"	1/2 NPT
PR-25AP-A-0600-3/8-M12	1/4"	6"	3/8 NPT
PR-25AP-A-1200-3/8-M12	1/4"	12"	3/8 NPT
PR-25AP-A-1800-3/8-M12	1/4"	18"	3/8 NPT
PR-25AP-A-0600-1/4-M12	1/4"	6"	1/4 NPT
PR-25AP-A-1200-1/4-M12	1/4"	12"	1/4 NPT
PR-25AP-A-1800-1/4-M12	1/4"	18"	1/4 NPT

Note: option 1 wiring standard.

For option 2 wiring add "-2" to end of model number, no additional charge.

For 1/3 DIN accuracy, change "-A-" to "-1/3-" after the "-25AP-" in the model number for an additional cost.

For 1/10 DIN accuracy, change "-A-" to "-1/10-" after the "-25AP-" in the model; number for an additional cost.

A limited selection of Pt1000 elements are available, please consult sales.

Ordering Examples: PR-25AP-A-0600-A-M12, Pt100, Class A RTD sensor with 1/4" diameter by 6" long probe, M12 connection with no mounting threads.

PR-25AP-1/10-1200-1/2-M12, Pt100, Class 1/10 DIN RTD sensor with 1/4" diameter by 12" long probe, M12 connection with 1/2 NPT mounting threads.