



Air Temperature RTD Probe With M12 Connection

PR-25AP Series



Probe Length
3/8" up to 12" long
±1/4"

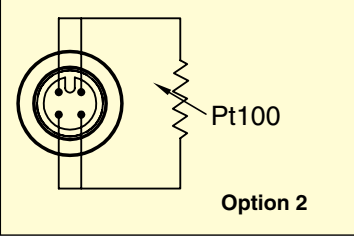
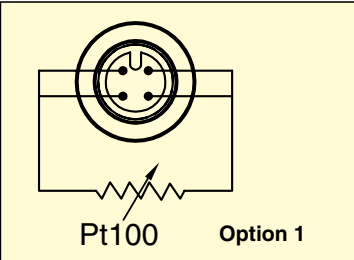
PR-25AP-A-0600-0-M12
shown smaller
than actual size.

PR-25AP-A-0600-1/4-M12
shown smaller
than actual size.

- ✓ 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

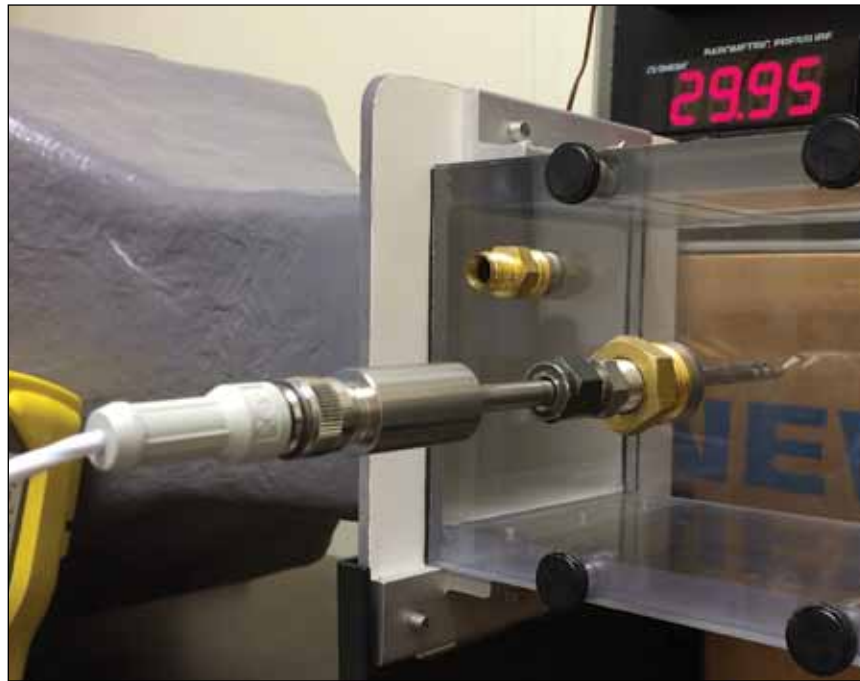
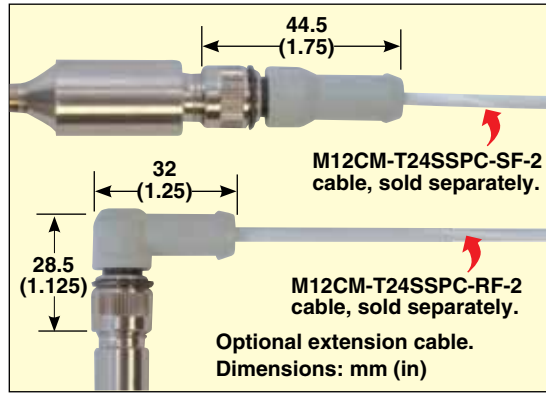
This sensor combines the usefulness of our ultra-precise air measurement RTD sensors with the convenience of our PR-21 M12 enabled RTD sensors. The design of the probe includes a perforated sheath over the sensing element shielding it from debris while allowing airflow to directly reach the element. 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-0600-0-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.