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TECHNOLOGY GROUP

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Air Temperature RTD Probe
With M12 Connection

NEW®

PR-25AP Series

RoHS

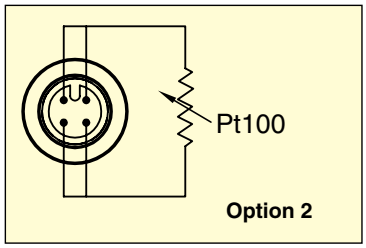
ACCURACY IEC CLASS A (±0.15°C @ 0°C)



- 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.



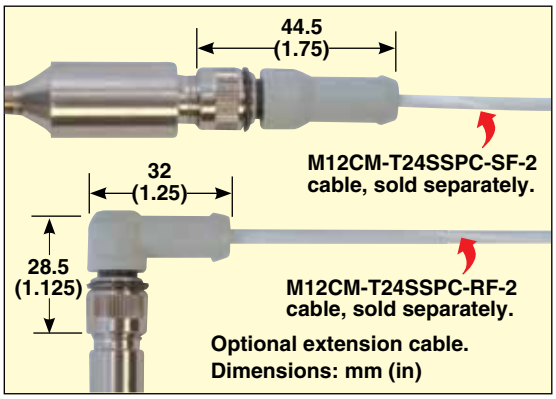


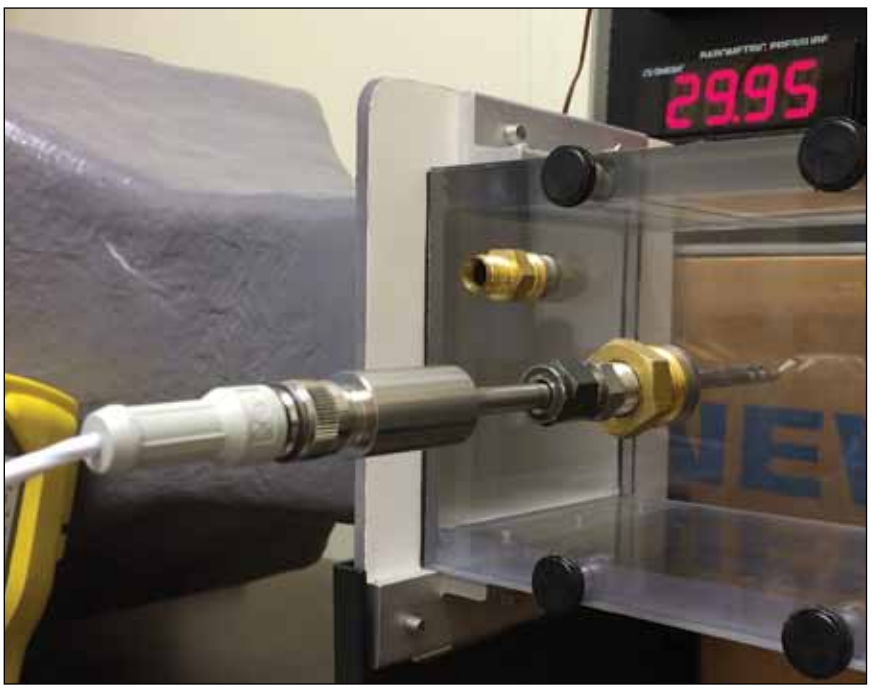
PR-25AP probe tip, close-up

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NEW®

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	¼"	6"	No thread
PR-25AP-A-1200-0-M12	¼"	12"	No thread
PR-25AP-A-1800-0-M12	¼"	18"	No thread
PR-25AP-A-0600-1/2-M12	¼"	6"	½ NPT
PR-25AP-A-1200-1/2-M12	¼"	12"	½ NPT
PR-25AP-A-1800-1/2-M12	¼"	18"	½ NPT
PR-25AP-A-0600-3/8-M12	¼"	6"	⅜ NPT
PR-25AP-A-1200-3/8-M12	¼"	12"	⅜ NPT
PR-25AP-A-1800-3/8-M12	¼"	18"	⅜ NPT
PR-25AP-A-0600-1/4-M12	¼"	6"	¼ NPT
PR-25AP-A-1200-1/4-M12	¼"	12"	¼ NPT
PR-25AP-A-1800-1/4-M12	¼"	18"	¼ NPT

Note: option 1 wiring standard.
*For option 2 wiring add **"-2"** to end of model number, no additional charge.*
*For ⅓ 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 ¼" 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 ¼" diameter by 12" long probe, M12 connection with ½ NPT mounting threads.*

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