



## ATLAS 1XPt100 TEMPERATURE SENSOR

The ATLAS 1XPt100 Temperature Sensor is a high-performance thermal sensing device designed for precise temperature measurement in a variety of industrial and commercial applications. Utilizing a PT100 resistance temperature detector (RTD), this sensor offers exceptional accuracy and stability, making it ideal for environments where accurate temperature control is critical. Its 1X configuration makes it a versatile option for a wide range of systems, providing reliable readings for applications such as HVAC systems, process control, and industrial machinery.

The ATLAS 1XPt100 Temperature Sensor is built to withstand harsh conditions, with materials selected for their durability and resistance to environmental factors such as humidity, vibration, and extreme temperature fluctuations. This ensures that the sensor delivers long-term, reliable performance, even in challenging environments. Its design is compact and easy to integrate into a variety of systems, allowing for seamless operation in both new installations and retrofits.

With its PT100 element, the sensor provides highly accurate temperature measurements over a broad range of temperatures, delivering precise feedback to control systems for real-time monitoring and adjustment. This high level of precision makes the ATLAS 1XPt100 particularly suitable for critical temperature-sensitive applications, such as in chemical processing, food manufacturing, and laboratory environments.

Whether used for process automation, energy management, or equipment protection, the ATLAS 1XPt100 Temperature Sensor offers dependable performance and efficient temperature monitoring. Its accurate sensing capabilities contribute to system optimization, energy savings, and enhanced operational safety, ensuring the longevity and reliability of the systems it serves.

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