

PT100 Temperature Sensor, APM

The PT100 Temperature Sensor, APM1210 is a temperature input sensor for the APM1210 system.

The sensor is a platinum RTD (resistance temperature detector) sensor, which measures temperature by correlating the resistance of the RTD element with temperature.

The advantages of platinum resistance temperature sensors include:

- High accuracy
- Low drift
- Wide operating range
- Suitability for precision applications

The platinum ensures a very linear resistance-temperature relationship, and a highly repeatable R vs T relationship over a wide temperature range.

The unit is specifically designed to withstand the tough working conditions of the construction industry.



PT100 Temperature Sensor Specifications	
Part number	S-10080
Application	Temperature sensor
House	Aluminium with 6.3mm mounting holes
Storage Temperature	-40°C to +180°C
Operating Temperature	-25°C to +180°C
Maximum Deviation	+/- 1 °C
Sensor Type	PT-100 DIN B
Cable Type	Silicone insulated cable 2 x 0.75 mm ² with galvanized steel wire braiding