

## Pt-100 Temperature Sensor for Paving Screeds

The Pt-100 sensor is a temperature input sensor for the SC5-96 and STC1600 systems.

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



Pt-100 Temperature Sensor Specifications

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Part number	S-50124/x,x (x,x is cable length in meters)
Application	Temperature sensor for paving screeds
Operating temperature	-25°C to +200°C
Storage temperature	-40°C to +200°C
Sensor type	Pt-100 DIN B
Cable type	Silicone insulated cable 2 x 0.75 mm <sup>2</sup> with galvanized steel wire braiding
Sensor house	Aluminium with 6.3mm mounting holes
Connector	AMP-Plug