Sentia Temperature sensor

STRATA-B401

The **STRATA-B401** is a high-precision digital temperature sensor, specifically designed for thermal monitoring. Compact and easy to install, the sensor provides reliable measurements and is ideal for applications requiring accurate thermal control in critical IT environments or similar installations.

The device connects to the **STRATA-L102** remote module via an RJ11 connector and supports the installation of up to 3 sensors per module. This allows for multi-point measurements (top, middle, and bottom), enabling improved thermal analysis. Use RJ11 extension cables and splitters to assemble a series with multiple sensors.

Technical Specifications

MEASUREMENT TYPE	Digital temperature
MEASUREMENT RANGE	-55 °C to +125 °C
TYPICAL ACCURACY	±0.5 °C in the -10 °C to +85 °C range
CONNECTOR	RJ11 male (6P4C)
AVERAGE CURRENT DRAW	< 1 mA during operation
CABLE LENGTH (TYPICAL)	1 meter (customizable)
COMMUNICATION INTERFACE	One-wire (proprietary protocol)
WEIGHT	20g
DIMENSIONS	60mm x 25mm x 10mm