



S25 - MICROPNP DC mV SENSOR

PRODUCT DESCRIPTION

The MicroPnP™ DC mV (millivolt) Sensor (**S25**) provides the ability to work with sensor input signals in the millivolt range. Variable configurations are possible to allow flexibility in connecting different sensors with different input voltage ranges and still achieving the highest possible resolution.

MICROPNP PERIPHERALS

MicroPnP™ Peripherals are self-identifying sensors and actuators that connect to MicroPnP Wireless Devices to provide plug-and-play sensing and control.

The MicroPnP software automatically installs and configures all drivers, eliminating the cost and complexity of deploying an IoT network.

APPLICATIONS

Easy, flexible and accurate monitoring of process instrumentation with DC voltage output ranges such as temperature, pH, gas concentration, etc.

CORE COMPONENTS

The **S25** has an on-board LT2499 analog-to-digital converter with 24-bit resolution from Linear Technology. For more information please visit:

[LTC2499.pdf](#)

S25 CHARACTERISTICS

Characteristic	Value	Unit
Input voltage range	+/- 1	V
Input voltage resolution	+/- 1.5	mV
ADC resolution	24	bit
Input connector types	SMA, 2-wire terminal	

RELATED PRODUCTS

Item **S25** requires a MicroPnP Wireless Device such as **Pxx** or **Lxx**. This item is compatible with all items in the MicroPnP catalog:

versasense.com/files/VersaSense-Catalog.pdf

INFORMATION/SUPPORT

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