



S24 - MICROPNP CURRENT LOOP INTERFACE

PRODUCT DESCRIPTION

The MicroPnP™ Current Loop Interface (**S24**) provides the ability to read values from the industry standard 4-20mA analog current loop. It uses an external power supply that can feed loop consumers while also powering the device eliminating battery drain. Various loop configurations are possible to allow flexibility in connecting to the actual sensor.

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.

Note: only one peripheral of this type may be connected to a MicroPnP Wireless Device.

APPLICATIONS

Easy and standardized monitoring of process instrumentation such as pressure, level, flow, temperature, pH or other process variables.

CORE COMPONENTS

The **S24** is based on the ATmega328 from Atmel® Microchip, for more information please visit:

[ATmega328P.pdf](#)

S24 CHARACTERISTICS

Characteristic	Value	Unit
Loop voltage	24V	V
Max. loop device current	0.5	A
Min/Max period between updates	10 / 86400	s
ADC resolution	10	bit

RELATED PRODUCTS

Item **S24** 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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