

## Sensor Adapter (SEN-A)



### Third Party Sensor Adapter

**Connect sensors with 0-5 VDC output.  
Connect Dry Contacts requiring 5VDC power**

The Sensor Adapter makes it easy to connect third party sensors that output a 0-10 DC Voltage scale.

A switch on the side of the sensor adapter allows you to switch to a dry contact I/O instead, which is capable of maintaining a 5VDC output to power the sensor at all times, while still monitoring the dry contact input.

## Technical Specifications

<b>Measuring Specifications</b>	
<b>Configuration</b>	Selectable type, with autosense setting : + 0~10 VDC + Dry Contact Input/Output
<b>Connector</b>	3 pin phoenix connector + Voltage Input : Signal, 5V, GND + Dry Contact : Dry Contact, 5V, GND
<b>Electrical</b>	no galvanic isolation can provide up to 5V 0.2A for 3rd party device powering
<b>Interface</b>	
<b>Communications cable</b>	RJ-45 jack to sensor using UTP CAT5e/6 cable
<b>Power source</b>	Powered by the controller unit. No additional power needed
<b>Power Consumption</b>	Typical 50 mWatt, 10 mA
<b>Maximum Cable Length</b>	The Sensor Adaptor can be extended from the RJ-45 Intelligent Sensor ports on the base units up to 50 feet, or 15 meters using standard CAT5/6 LAN cable
<b>Components</b>	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
<b>Operating Environment</b>	Temperature : Min. -35° C – Max.80° C Humidity: Min. 20% – Max. 80% (Non-Condensing)
<b>Dimensions</b>	56 x 55 x 33.3 mm
<b>Mounting</b>	DIN rail mounting Screw mounting
<b>Sensor count</b>	1

**SEN-A - Technical Drawing**

